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U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF
AUG 5 1897
BOTANY
SEED LABORATORY.

C. B. WHITNALL & CO.

1893.

438 Milwaukee Street, = Milwaukee, Wis.

COMMERCIAL PRINTING AND PUBLISHING CO., MILWAUKEE.

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C. B. WHITNALL & CO.'S

GENERAL LIST

—OF—

FLOWER SEEDS

FOR 1893.

ALL THE VARIETIES HERE OFFERED ARE WORTHY OF GENERAL CULTURE.

ANNUALS grow, bloom and die the first year from seed.

BIENNIALS bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year.

PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

HARDY Annuals, Biennials and Perennials can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in winter.

HALF HARDY Annuals, Biennials and Perennials cannot be sown in open ground until settled warm weather, though they can be sown in the house, if desired, early and afterwards transplanted. The two latter need to be protected in the Winter, or carried over until Spring in cold frames or greenhouses.

All Flower Seeds Sent Free by Mail on Receipt of Price.

WARRANTY.—We test our seeds and send none out but what we feel sure are good. There are many reasons why the most perfect of seeds do not grow at times. In case they fail to grow for the purchaser, we can in no manner warrant the crop or be responsible for failure.

C. B. WHITNALL & CO.,

438 MILWAUKEE STREET,

CORNER OF MILWAUKEE AND MASON STS. MILWAUKEE, WIS.

ABRONIA.

Charming trailing plants, flowering in large trusses like a Verbena. Very

Abronia.

fragrant. Suitable for beds, rock-work or baskets. Hardy annuals. Mixed, per pkt, 5c.

ABUTILON.

Beautiful plants for green-house and window culture, blooming almost continually; also succeeding well in open ground in summer, frequently called Flowering Maple; flowers bell-shaped. Half hardy perennial. Finest mixed varieties—red, white, orange etc. Each, 10c.

Abutilon.

Aconitum—Monk's hood or wolfsbane. A showy, free-blooming plant, which thrives well under trees, shrubs and in other shaded situations. Blue and white. Height, 2 feet. HP. 5c.

ADLUMIA.

Cinhosa (Mountain Fringe or Alleghany Vine—A charming climber with feathery foliage and rose-colored flowers; 15 feet, 10c. Biennial.

ACROCLINIUM.

Elegant flowering plants for beds; also

Acroclinium.

one of the best of Everlastings for winter boquets. Half hardy annual.

Double white, 10c; single white, 5c; double rose, 10c; single rose, 5c.

ALYSSUM.

Free flowering, pretty little plants for beds, edgings, or rock-work or winter blooming.

Maritimum (Sweet Alyssum)—Hardy annual, white, 1 foot, 5c.

Benthamu Compacta—Tom Thumb, sweet, ½ foot, 5c.

Golden Saxatile—Flowers brilliant golden yellow. Dwarf hardy perennial, 5c.

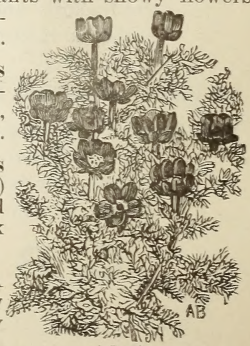
ADONIS.

Handsome plants with showy flowers and of easy culture in any soil.

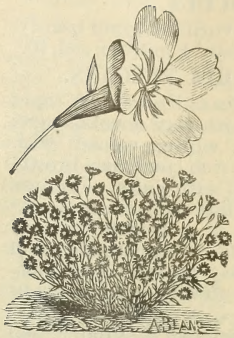
Aestivalis (Flos Adonis)—Deep crimson, hardy annual 5c.

Autumnalis (Pheasant's Eye)—Intense blood red, with black center, 5c.

Vernalis—A charming yellow variety; hardy perennial, 10c.



Adonis.



Agrostemma.

AGROSTEMMA.

Very showy for the garden, flowering freely. Hardy annuals. Finest mixed, 5c.

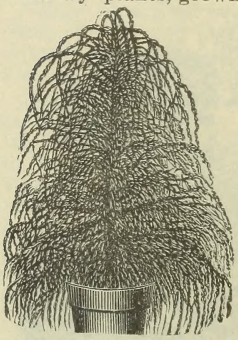
AGERATUM.

Flowering continually if bedded out in summer or potted in winter.

Blue, 2 feet, 5c; white, 2 feet, 5c; Tom Thumb blue ¾ foot, 5c.

AMARANTHUS.

Showy plants, grown for their foliage in late summer and early fall. Half-hardy annual.



Amaranthus Salicifolius.

Atropurpures—Blood-red foliage, drooping, 2 feet, 5c.

Bi color Rubber—Foliage green and dark red, tipped with yellow, 3 to 5 feet, 5c.

Caudatus (Love-lies-Bleeding)—Dark, drooping flower spikes, 5c.

Salicifolius (Fountain Plant)—Of pyramidal drooping habit, branching close to the ground, orange, carmine and bronze, 5c.

Tri-color (Joseph's Coat)—Leaves red, yellow and green, 3 feet, 5c.

AMPELOPSIS, "JAPANESE IVY" OR "BOSTON IVY."

A. Veitchii—Our finest hardy climber for permanently covering stone and brick buildings, old trees, etc. It clings by rootlets thrown out along the stem, and consequently needs no support. The young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson and orange. HP. 50 feet. Per packet, 10c.

A. Roylii—A new variety. Similar to "Veitchii," but with larger foliage and of more rapid growth, and foliage more highly colored in autumn. Per packet, 20c.

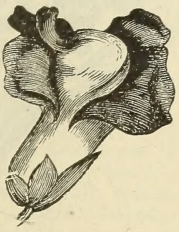
ANTIRRHINUM.

(Snap Dragon.)

Very showy for summer flowering, from seed the first year. Perennial.

Tall Mixed—2 to 3 feet, 5c.

Nanum Picturatum—New blotched and spotted dwarf sorts of great beauty, 2 feet, 5c.



Antirrhinum.

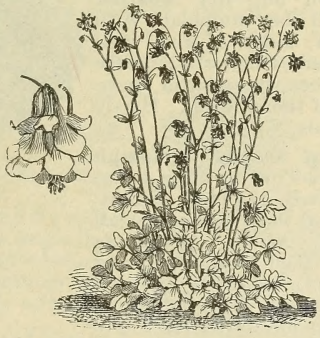
ANAGALLIS.

Pretty dwarf plants for garden; large bright flowers in the sunshine. Mixed colors. HHA. 1½ feet, 5c.

AQUILEGIA.

(Columbine.)

Effective in beds, rockeries, etc. Hardy perennials.



Aquilegia—Columbine.

Golden Spurred (Chrysanthea)—Beautiful long yellow flowers, 10c.

Single Mixed, 5c; Double Mixed, 5c.

Aricula.

ASTERS.

One of the most popular and effective of our garden favorites, producing in profusion flowers in which richness and variety of colors are combined with the most perfect and beautiful form; they delight in a rich soil, and in hot, dry weather should be mulched with rotted manure and well watered, which will increase their beauty and the duration of their bloom. Hardy annuals.

Deep Scarlet Triumph Aster—This novelty is undoubtedly the most beautiful and most perfect of all dwarf Asters, producing itself true from seed, and attains a height of about 7 to 8 inches. The individual flowers measure from 2½ to 3 inches across, and are of the most faultless Pæony form, and a perfectly rich and brilliant color. It is a most abundant bloomer, each plant bearing at least 30 to 40 flowers. Packet, 10c.

ARICULA.

A well-known favorite of great beauty. Half-hardy perennial. Finest mixed, 10c.

ARISTOLOCHIA ELEGANS.

The elegant Pelican Flower. A rapid growing climber with very novel flowers; color, externally, white, veined with purple; internally, rich purplish brown, irregularly marked with white. It grows rapidly from seed, flowering the first year if sown early, and is a very pretty vine for outside decoration in summer and the greenhouse in winter. The blossoms are borne profusely, even on small plants. 25c.

A. Sipho—(Dutchman's Pipe Vine.) One of our best hardy climbers, flowers brownish yellow, curiously mottled, 30 feet, 10c.

Asters.

Mignon Aster—We call especial attention to the five new colors of this fine class of Asters. The two first named varieties in particular are of incomparable delicacy and beauty. Flowers of three distinct shades of colors are borne at the same time by one plant, the flowers on first appearing being pure white; those half-developed white changing to lilac or rose, and finally, the full-blown flowers are of a beautiful pure lilac or rose tint. The other three offered are also extremely attractive.

The Mignon Aster is now a well-established popular favorite, and in habit resembles the Victoria section. The plants are semi-dwarf and bear when well grown 40 to 50 flowers which have deeply imbricated florets, are of a beautiful shape and unsurpassed for cutting purposes.

White changing to lilac, pkt, 25c; white changing to rose, pkt, 25c; peach blossom, pkt, 25c; rosy lilac, pkt, 25c; lilac red, pkt, 25; fine mixed, pkt, 20c.

Comet Aster—Dwarf habit; flowers extremely beautiful, resembling the large flowered Japanese Chrysanthemum in their curled petals; the blossoms are 3 to 4½ inches in diameter; of a lovely rose color, bordered with white, pkt, 5c.

Miniature Boquet, Mixed—Grown 6 to 8 inches high; the little round plants are covered with double flowers, packet, 10c.

Dwarf Chrysanthemum Flowered—A splendid variety of dwarf, compact habit, 9 inches in height, flowers large and produced when other varieties are out of bloom. Mixed colors, per packet, 10c.

HALF DWARF VARIETIES.

Perfection (Truffaut's Pæony Flowered Perfection)—Thrifty upright grower; flowers large, four inches across and almost perfectly round, with incurved petals; height 18 inches to 2 feet.

Snow White, 10c; White and Carmine, 10; Carmine, 10c; Dark Blood Red, 10c; Light Blue, 10c; Purple Violet, 10c; Finest mixed, 10c.

Crown—The center of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc., 10c.

Giant Emperor—Each plant produces one flower only of an enormous size; 18 inches. Mixed colors, 5c.

Victoria Needle—Flowers large and double, each petal of which is curved as round as a knitting needle; very unique and beautiful. 18 inches, 15c.

Victoria—Very large, of perfectly double form, imbricated and globular, of pyramidal habit, flowers 4 inches across. Pure White, 15c; Scarlet, 15c; Blue and White, 15c; Peach Blossom Pink, 15c; Crimson and White, 15c; Sky Blue, 15c; Finest Mixed, 15c.

ASTER SEED BY WEIGHT.

Victoria, white, pink or crimson, per ⅛ oz., 50c; Victoria, all colors mixed, per ⅛ oz., 40c; Truffaut's white, pink or scarlet, per ⅛ oz., 50c; Truffaut's, all colors, mixed per ⅛ oz., 40c; Dwarf Chrysanthemum-flowered, all colors mixed, per ⅛ oz., 40c; Dwarf Bouquet, all colors mixed, per ⅛ oz., 35c.

ASPERULA.

Cluster of charming fragrant flowers, admirably adapted for boquets.

Asperula Azurea Setosa—Sky blue. 1 foot. HA., 5c.

—**Odorata**—(Sweet Woodruff.) Flowers and leaves have a delicious odor when dried that imparts an agreeable perfume to clothes, etc., when kept among them. White 6 to 12 inches. HP., 10c.

BRACHYCOME.

(Swan River Daisy)

Producing large single flowers in profusion all summer. Half hardy annual.

Mixed blue and white, 5c.

Brachycome.

Bellis Perennis.

BELLIS.

(Double Daisy.)

Double Mixed—½ foot (from named flowers), 15c.

BALLOON VINE.

A rapid growing, handsome summer climber, having small white flowers, which are followed by seed vessels shaped like small balloons. Hardy annual; 10 to 15 feet, 5c,

Balloon Vine.

BALSAMS.

(Lady Slipper or Touch-me-Not.)

An old and favorite garden-flower, pro-

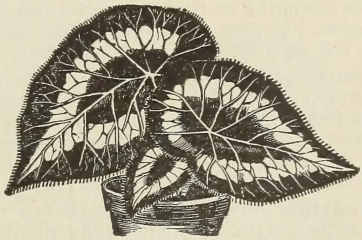
Balsam.

ducing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture.

Double Rose Flowered Varieties—Mixed (best for florists), 5c.

BEGONIAS.

Plants of great value for summer deco-


Begonia Rex.

ration or window gardening; they are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow from August to October.

Rex Hybrida, Mixed—Handsome large leaves, 25c; **Single Mixed Tuberous Rooted,** 25c; **Double Mixed Tuberous Rooted,** 50c; **Semperflorens Rosea**—Very fine for bedding, 15c.

BEGONIA—VERNON.

This most remarkable novelty, coming absolutely true from seed, is of unusual value for bedding, as it will stand our hot summer sun. From seeds sown in February it comes into flower in June, and continues to make a most striking

effect in beds or borders throughout the entire summer. By reason of its brilliant flowers, admirably set off with the handsome foliage, it is truly a most magnificent variety, the flowers being of an intensely brilliant deep red color; the foliage is very abundant, stiff and glossy, and of a fine green color, spotted and margined with bronze purple; its bright foliage and brilliant flowers are equally as beautiful in the shade as in the sun. It thrives everywhere, and is so easily raised from seed that it will surely rank as a novelty of unusual importance. Price, per pkt, 15c; 2 pkts, for 25c.

BEANS.

Scarlet Runners, - - - 5 cents.

BACHELOR'S BUTTON.

(See Centaurea Cyanus.)

BROWALLIA.

Plants completely studded with their beautiful flowers during the whole summer.

Browallia.

Half hardy annual.

Blue, 5c; White, 5c.

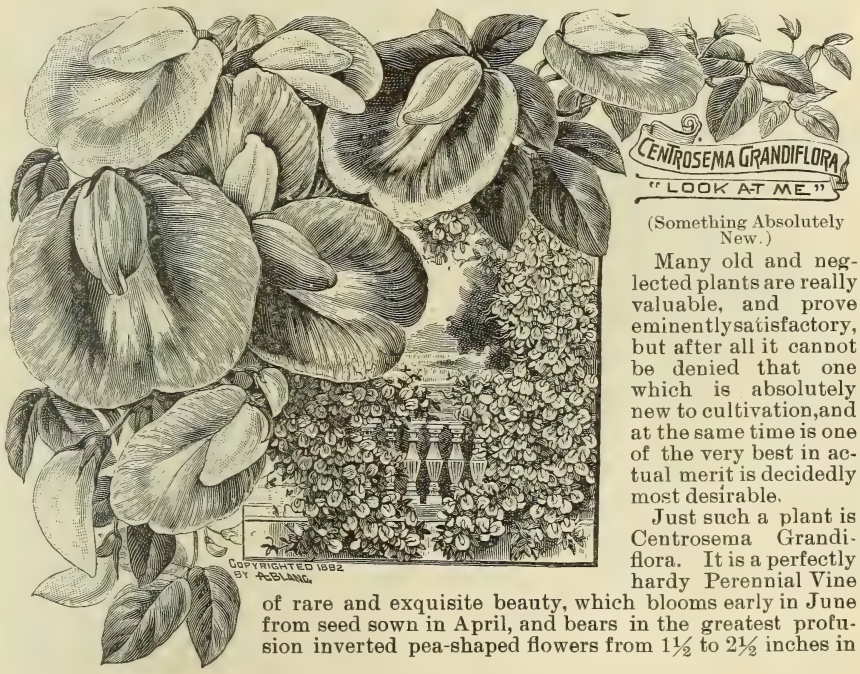
BIDENS.

(Dahlia Zimpani.)

A free flowering, tender annual, having beautiful foliage and bearing fine and attractive flowers; the roots can be preserved like Dahlias; 1 foot.

Atrosanquinea—Rich dark crimson, 10c.

CENTROSEMA GRANDIFLORA.



(Something Absolutely New.)

Many old and neglected plants are really valuable, and prove eminently satisfactory, but after all it cannot be denied that one which is absolutely new to cultivation, and at the same time is one of the very best in actual merit is decidedly most desirable.

Just such a plant is Centrosema Grandiflora. It is a perfectly hardy Perennial Vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea-shaped flowers from 1½ to 2½ inches in

diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center. The large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants bear pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a single cluster.

The stem and foliage are very graceful and of a delightful odor; blooming stems placed in water remain fresh for many days. It is well adapted for every garden purpose, and especially as a climber, running 6 to 8 feet in a season; it flowers freely until cut down by frost. Packets of 25 seeds, each 25c.

CALENDULA.

(Commonly called Pot Marigolds.)

Profuse blooming plants, for bedding out in the garden or growing in pots.

Calendula Meteor Fl. Pl.

Pluvialus—Large, pure white, single flowers, 5c.

Pongei, fl. pl.—Double white, 5c.

Meteor—Large, double, yellow flowers, striped with orange, 5c.

Prince of Orange—Darker than Meteor, 5c.

CANARY BIRD VINE.

A rapid growing summer climber, with canary yellow flowers; half-hardy annual, 10 ft., 5c.

CANNAS.

Crozzy's New Varieties—Saved from the handsomest of this successful raiser.

Canna.

Most of them are dwarf in habit, early bloomers and very remarkable for the beauty of both flower and foliage; are excellent also for pots and forcing. Choice mixed, 15c; dark leaved varieties, 10c.

CENTAUREA CYANUS OR BACHELOR BUTTON.

Very free-blooming, hardy annuals, also called Blue Bottle, Ragged Sailor, etc. This was the favorite flower of the late German Emperor. 2 feet.

Centaurea Cyanus.

C. Cyanus'— Blue "Emperor Flower," 5c.

Bachelor's Button.— Many colors, 5c.

NEW DOUBLE CORNFLOWER.

Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to the doubleness of the flower, this strain contains a number of new shades, 5c.

CENTAUREA OR DUSTY MILLER.

Valuable bedding plants, with silvery foliage, deeply cut, forming a striking contrast when grouped with other plants. H. H. P. Height 1 foot.

C. Candidissima.—Leaves silvery white, finely cut, the best, 10c.

Gymnocarpa.—Very graceful, silvery grey foliage, 5c.

CACALIA.

(Tassel Flower.)

Flowers scarlet and orange; mixed, 5c.

CALANDRINIA.

Beautiful creeping, free flowering plants, with succulent stems and fleshy leaves, adapted for rock work or hot situations; hardy annual, 1 foot.

Grandiflora, rose, 5c.

CLARKIA.

An old favorite, hardy annual.

Single mixed, 5c; **double mixed,** 5c;

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in spring and a universal favorite for decorating the greenhouse.

Large flowered spotted and striped mixed, 50c; large flowered, self-colored, mixed, 50c.

CINERARIA.

A favorite free flowering plant, blooming during the winter and spring months; perennials, but do best treated as annuals.

Grandiflora Prize Tail Mixed. This strain is unsurpassed for beautiful colors and size of flowers, 50c.

Maritima Candidissima (Dusty Miller), with large silvery foliage, 10c.

Centaurea Candidissima.

Centaurea Gymnocarpia.

Cobea.

COBEA.

A climber of rapid growth, flowering the first season if sown early in the house. In sowing, place the seeds edgewise and merely cover with light soil. Half-hardy perennial, 20 feet.

Scandens — Large bell-shaped purple flowers, 10c.

CYPRESS VINE.

(Ipomea Quamoclit.)

Very delicate with fern like foliage and masses of beautiful small, star-shaped flowers. Half-hardy annual.

Mixed—White and crimson, 5c.

Campanula Media.

CAMPANULA.

Well known, bearing large bell-shaped flowers in profusion; well adapted for borders and pot culture.

Speculum—Mixed (Venus) Looking Glass); blue and white annual, 10c.

Calycanthema — Mixed blue, white, black (Cup and Saucer). Hardy bi-annual, 10c.

Canterbury Bells. (Media)—Single mixed; rose blue, white and lilac, 5c.

Canterbury Bells—Double mixed; rose, blue, white and lilac, 5c.

Carpatica—Mixed, Hardy perennial; blue and white, 9 inches, 5c.

Campanula Carpatica.

Celosa.

CELOSIA.

(Cockscomb.)

Cristata Dwarf Crimson—1 foot, 5c.

Cristata Golden Beauty—Yellow, 5c.

Cristata Variegata—Striped gold and crimson—5c.

Cristata Glasgow Prize—Very dwarf; immense crimson combs. 1 foot, 10c.

Plumosa Golden Yellow—Long feathery yellow plumes, 10c.

Carnation.

SUPERB NEW DWARF "MARGARET" CARNATIONS.

This new race of Carnations has created quite a sensation among florists on both sides of the Atlantic, not only on account of their beautiful flowers of all colors, and the remarkable percentage that come "doubles," but also from the fact that, unlike all others, they bloom in about four months from the time of sowing the seed, and continue to flower until checked by the frost. The most beautiful fragrant double Carnations can now be had in full flower in the open garden as easily and almost as quickly as the Chinese pinks! Also for flowering in the house this new strain will be invaluable. Fully eighty per cent. of the flowers come double, of large size. They embrace a fine range of brilliant colors. The plants are dwarf, branching, compact and neat in habit, standing well upright without any support. They are very free-flowering and certainly a novelty of unusual merit.

Per pkt. 10c; 3 pkts. for 25c.

CARNATION.

(Dianthus Caryophyllus.)

The seed we offer has been imported from the best sources in Europe and will produce many splendid novelties in double flowers. Half-hardy perennials.

Choicest Mixed Bizarre—Self-colored flakes and fancy, very double, 25c.

Perpetual or Tree—Splendid for winter flowering, 25c.

CALLIOPSIS.

(Coreopsis.)

These beautiful "Bright Eyes" are showy summer bedding annuals, with large bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine for cutting. 2 feet.

Double Calliopsis (Calliopsis tinctoria fl. pl.)—The flowers are double, of rich golden yellow, with wine maroon spots. Packet, 10c.

Calliopsis.

Golden Wave (Drummondi.) Plant very bushy and compact, and covered with hundreds of beautiful golden blos-

soms, 2 inches across, with small dark centres. 10c.

Dark Crimson, 5c; **Finest Mixed,** 5c.

Tom Thumb (Mixed.) A beautiful strain; plants dwarf and compact; 1 foot high, 10c.

Calliopsis Lanceolata (Perennial Variety.) A very showy hardy plant, large flowers, bright yellow, unequalled for cutting; grows anywhere, 2 to 3 feet, 10c.

CANDYTUFT.

(I beres.)

One of the most popular hardy annuals, almost equally so as Sweet Alyssum; like it, it is of the easiest culture.

Crimson—Very beautiful, 1 foot, 5c.

Candytuft. Iberes.

Rocket—Pure white, in large trusses, 1 foot, (oz. 25c.) 5c.

New Carmine—Produces a mass of vivid carmine blooms, 5c.

Fine Mixed—1 foot, 5c.

CONVOLVULUS.

One of the handsomest and most popular annuals in cultivation, growing freely in almost any situation. The climbing varieties, C Major, or Morning glory, produce a fine effect when grown on rock work, stumps of trees, or banks; and when trained over trellises, rustic work or rough fences, the beauty and

Convolvulus.

delicacy of their colors are unsurpassed. Half-hardy annuals. Choice mixed, 5c; per oz., 10c.

CYCLAMEN.

Charming bulbous-rooted plants, with beautiful foliage and rich colored orchid-

Cyclamen.

like flowers; blooms winter and spring. Half-hardy perennial.

Giganteum—Flowers 2 to 2½ inches long, 50c.

CHRYSANTHEMUM.

Single Annual Varieties—Mixed, 5c.

Double Annual Varieties—Mixed, 5c.

These make a gorgeous display; colors crimson, white, gold, maroon, etc.

DOUBLE PERENNIAL VARIETIES.

(Artemesias.)

Chinese or Large Flowering Double Mixed, 25c.

Japanese Mixed — Long petals, 25c.

SINGLE PERENNIAL VARIETIES.

These are the French Marguerites or Paris Daisy, so much grown for cut flowers.

Frutescens Grandiflorum—White, 10c.

Comptess de Chambord—Yellow, 15c.

CUCUMIS.

(Snake Cucumber.

Flexousus — Rapid growing summer climber, with curious fruits, 3 feet long. Half-hardy annual, 5c.

Paris Daisy or Marguerite.

Cosmus Hybridus.

COLEUS.

Plants with richly colored foliage. Fine mixed, 25c.

COSMUS.

Hybridus—A magnificent race of plants growing about four feet high and in the fall literally covered with graceful flowers, resembling single Dahlias, but neater and better for cutting; they are about 2 inches in diameter and range through all shades of rose, purple, flesh and pure white. Easily raised from seed and bloom the first season. Perennial. Mixed, 10c.

D. Indivisa Lineata.—A very handsome sort. cultivated on a large scale, 10c; **Many sorts mixed,** 10c.

DUTCHMAN'S PIPE.

(See Aristolochia.)

Edelweiss. — The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silvery-whits and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun, 15c.

CYPERUS.

Alternifolius (Umbrella Plant)—A

Cyperus.

very popular plant for window gardening or growing in water, 15c.

DAISY.

(See Bellis and Chrysanthamum.)

DIGNITALIS.

(Foxglove or Witches Fingers.)

Foxglove.

A handsome and ornamental hardy perennial plant of stately growth, fine for shrubberies and other half shady places; 3 feet. **Mixed, of all colors,** 5c.

DAHLIAS.

One of our best autumnal flowering plants, blooming the first year from seed if sown early. **Choice Double Mixed,** 10c. **Choice Single Mixed,** 10c.

Dahlia Zimpani.

Zimpani or Miniature Black Dahlia.—A little known variety from Mexico. The plants grow about 2 feet high and very bushy, and produce an abundance of the deepest crimson-maroon flowers of a velvety texture 3 inches across. Pkt. 10c.

DELPHINIUM.

(Larkspur.)

Hardy perennials, producing splendid spikes of flowers in profusion.

Finest Mixed Hybrids, 5c. **Tall Rocket Double Mixed**—Hardy annual, 5c. **Dwarf Rocket Double Mixed**—Hardy annual, 5c.

DOLICHOS.

(Hyacinth Bean.)

A rapid climber with beautiful clusters of purple and white flowers. Tender annual. **Mixed**—(per oz., 30c.) 5c.

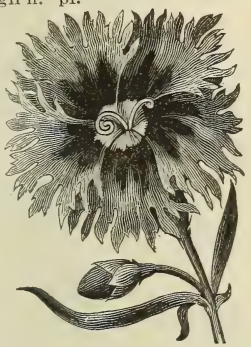
DRACÆNA OR CLUB PALM.

Beautiful palm-like plants, indispensable for decorative purposes, make splendid house plants and grow readily from seed. G. P.

DIANTHUS OR PINKS.

Dianthus Heddiw2gii fl. pl.

The family of "Pinks" are unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming so profusely as to almost cover the plants uninterruptedly until late in autumn, rendering them one of the most beautiful and satisfactory of all annuals for summer flower gardens; they also make very beautiful pot plants. Height, about 1 foot.



Dianthus Laciniatus, fl. pl.

Double Annual Varieties—Chinensis fl. pl. Mixed. China or Indian Pink. 1 ft., Pkt, 5c; Heddewigii fl. pl., Mixed. Japan Pink, large flowers, 10c; Laciniatus fl. pl., Mixed, double fringed, 10c.

Single Annual Varieties—Flowers very large, 2 inches and over across, very freely produced, and of the richest colors and finely fringed.

Little Gem—It forms a plant only six inches high, which is almost smothered with charming flowers. Color, an exquisite combination of wine red suffused and veined with a rosy carmine and broadly margined with white. Packet, 10c. **Laciniatus, Mixed,** Finest fringed sorts, 5c.

DATURA.

(Trumpet Flower.)

Strong growing plants, large showy flowers, suitable for borders. Hardy annual. **Mixed Colors,** 5c.

Datura Fatuosa.

ESCHSCHOLTZIA.

(California Poppies.)

Showy summer flowering annuals, of the easiest culture, forming nice bushy plants 1 foot high, which produce in wondrous profusion large saucer-shaped flowers of striking brilliancy in the sunlight.

Single Varieties—Californica sulphur with orange center, 5c; Mandarin, large flowers of a bright scarlet; inner side rich orange, 5c; Finest Mixed, 5c.

Double Varieties—Double White, 10c; Double Yellow, 10c; Double Mixed, 10c.

FERNS.

Choice Mixed, 15c.

FORGET ME NOT.

(See Myosotis.)

FOUR O'CLOCK.

(See Marvel of Peru.)

EVERLASTING OR ETERNAL FLOWERS.

(See Acroclineum, Ammobium, Comphrena, Helichrysum, Xeranthemum.)

Feverfew, see Pyrethrum; **Fox Glove,** see Digitalis.

ECCREMOCARPUS.

(Calampelis.)

A rapid growing climber, with pretty foliage; orange, tubeshaped flowers; **Scaber,** 5c.

ECHEVERIA.

Metalica, 25c.

ERYTHRINA.

(Coral Plant.)

An ornamental half hardy perennial shrub; **Crista Galli,** 25c.

ZONALE.

(Horseshoe Geranium.)

Single Mixed—Including many varieties, 10c; **Double Mixed**—Including many varieties, 15c; **Ivy Leaved**—Mixed trailing, 15c; **Palargonium**—Mixed. (Lady Washington), 25c.

GALLIARDIA.

Exceedingly showy. Half-hardy annual, 1½ foot. **Mixed Colors,** 5c.

GERANIUMS.

Gorgeous flowers of hundreds of shades of color, borne continuously, render this the most popular plant grown. Either for pot culture in winter or for bedding out in summer. Sown early they flower the first season.

EUPHORBIA.

(Snow on the Mountains.)

A native of the west: foliage is beautifully veined, margined with white 1½ ft. H. A., 5c.

GILIA.

Very pretty dwarf plants for rockwork. Hardy annual. **Mixed,** 5c.

GODETIA.

A hardy annual, deserving more extensive cultivation. **Mixed**—All colors, 5c.

GLOBE AMARANTH.

(Bachelor's Button.)

Fine for Everlastings. **Mixed,** 5c.

GLAUCIUM.

(Horn Poppy.)

An ornamental foliage plant with silvery leaves, deeply cut; hardy biennial; 2 ft; **Corniculatum,** 5c.

GREVILLEA ROBUSTA.

A beautiful fern-like tree adapted for parlor decorations. Per packet 25c.

GLOXINIA.

Plant of great beauty for conservatory or greenhouse; flowers 2 to 3 inches long,

Gloxinia.

tinted, mottled and marked with delicate and rich colors, Tender perennial.

Large Flowering—Mixed, 25c.

New Scarlet Defiance—The flowers of this most beautiful sort are large, borne upright, and of an intense glowing crimson scarlet, a color not yet found among Gloxinias. They come true from seed and will certainly please every lover of this charming plant, 35c.

GOURDS.

(Cucurbita.)

Rapid growing, interesting plants with ornamental foliage and varieties of singular shaped fuit. Tender annuals, 15 to 20 feet. Any 6 for 25 cts.

Cucurbita.

Calabash—The Dipper, 5c.

Hercules Club—Club shaped,4 feet,5c
Egg Shaped—Fruit white like an egg 5c.
Orange Shaped—Or Mock Orange, 5c.
Bottle Shaped, 5c.
Turk's Turbin—Red striped, 5c.
Pear Shaped—Striped very showy, 5c
Argyrosanthes—Dish rag or Bonnet Gourd, 5c.
Tricosanthes Colubrina—True Serpent Gourd, 5c.

GYPSOPHILA.

Pretty, free-flowering; elegant for rock work, baskets, etc.

Gypsophila Muralis—Pink; 6 in, 5c.
Gypsophila Paniculata—White flowers; beautiful for boquets; imparting a light airy appearance; H. P, 5c.

HELLIANTHUS.

(Sun Flower)

Nanus, fl. pl.—Dwarf, very double, orange colored, 4 feet; (50c.) oz, 5c.
Nanus, Follis Variegatis—Green and yellow, variegated foliage, very ornamental, 4 feet. 10c.
Globusus Fistulosus—Large double, rich saffron color; the finest; oz, 50c; pkt, 5c.
Russian Giant—Per oz., 10c; pkt. 5c.

HELIOTROPE.

Deliciously fragrant, flowering plants; purple, lilac or white flowers are continuously borne.

Heliotrope.

Finest Mixed, 10c.

HELICHRYSUM.

Showy summer blooming plants, grown principally for everlastings.
Large Flowered Mixed Double, 5c.

HYACINTH BEAN.

(See Dolichos.)

HONESTY.

Hardy biennial; admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful appearance, 5c.

HOLLYHOCKS.

(Althea Rosea.)

This splendid plant now ranks with the Dahlia for summer decoration. Our seed has been saved from the best varieties.
Extra Choice Mixed, from Charter's collection, 10c.
Separate colors, 10c.

HUMULUS JAPONICUS.

(Japan Hop.)

Probably the most rapid climber grown. The foliage is luxuriant, and is one of the best plants for covering verandas, trellises, etc. Heat, draught and insects do not trouble it. 20 to 30 feet,10c.

IPOMOEA.

Rapid growing summer climber,among our prettiest for covering trellises, pillars, etc. Large beautiful flowers; 15 to 30 feet.
Ipomoea Grandiflora (The Moon Flower, Evening Glory or Good Night)—Large pure white fragrant flowers opening in the evening; a rapid summer climber. 10c.
Mixed Varieties, 10c.

LARKSPUR.

(See Delphinum.)

LINUM.

(Scarlet Flax.)

Exceedingly showy and free flowering.
Coccinum—Hardy annual, 1 foot. 5c.
Flavum—Golden Flax, yellow, 10c.

LATHYRUS.

(Everlasting Pea.)

Showy, free flowering plants for covering old stumps, fences, etc.
Latifolius—Mixed purple and white; per oz, 80c; pkt, 5c.

LOBELIAS.

Popular and beautiful flowering plants, most desirable for culture, edgings, hanging baskets, etc. The hardy perennials are among the most attractive of our garden favorites, producing beautiful spikes of flowers in autumn.

Erinus Alba—Pure White, 5c.

Gracilis—Light blue, long slender trailing stems, 5c.

Crystal Palace—Dark blue dwarf and compact for bedding, 10c.

Hardy Varieties—Mixed; 2 to 4 feet, 25c.

MARIGOLDS.

(Tagetes. See Calendula.)

Very effective for distinct groups and masses. Half-hardy annuals.

Double African Mixed—Flowers of orange and yellow shades; 2 ft., 5c.

Marigold El Dorado

El Dorado—Immense flowers, exceedingly double and beautiful; 3 ft., 10c.

Double Dwarf French Mixed—Yellow, velvety brown and crimson; beautifully striped; 1 ft., 5c.

LYCHNIS.

Haageana—Brilliant scarlet flowers; 2 in. across; 1 ft., 10c.

MYRSEPHYLLUM.

(Smilax)

Asparagoides—Pkt, 10c.

MIGNONETTE.

Mignonette.

Large Flowering—The common sweet Mignonette. per oz, 15c; per pkt,, 5c.

Ameliorata—Red flowered, splendid, 5c.

Aurea (Golden Queen)—Flowers of a golden hue; of a dwarf and compact habit; highly effective. 5c.

Gigantea Pyramidals—The largest, 5c.

Machet—The best for pots; thick spikes of reddish flowers, 10c.

Miles' Spiral—White, very fragrant, spikes 8 to 12 inches long, 5c.

MARVEL OF PERU.

(Four O'clock.)

Beautiful summer blooming plants, large flowers of white, yellow, crimson, striped, etc., 2 ft.

Marvel of Peru—Finest mixed colors, 5c.

——Variegated foilage mixed, 5c.

MYOSOTIS.

(Forget-me-Nots.)

Alpestris Alba—Pure white, 6 inches, 10c.

Palustris—Large flowering, blue, 10c.

Victoria—New; dwarf and globular-habit; sky-blue flowers with double center; one of the finest. 15c.

Semperflorens (Ever-flowering)—Flowering from early spring to autumn, 15c.

MAURANDIA.

Maurandia Barclayana.

Delicate climbers for window or conservatory, or open ground in summer.

White, 10c; **Rose,** 10c; **Violet,** 10c; **Mixed,** 10c.

Fancy Nasturtiums.

MIMULUS.

(Monkey Flower.)

Showy, profuse blooming plants, comprising numerous varieties, with white, sulphur and yellow grounds; spotted with crimson, scarlet and pink; fine for green-house or moist situations; half-hardy perennials; flowering the first year from seed if sown early.

Tigrignus—The finest tigered and spotted varieties, 10c.

Mixed—Large flowering, all colors,10c.

Moschatus (Musk Plant)—Fragrant foilage, 10c.

Duplex Mixed—Flowers are borne in pairs, protruding from the other, 15c.

MINOSA PUDICA.

(See Sensitive Plant.)

MOURNING BRIDE.

(See Scabiosa.)

MUSK PLANT.

(See Mimulus.)

NASTURTIUM.

Tall Climbing Varieties.

Finest Mixed—(These are mixed from named varieties by ourselves) ¼ lb 30c; oz. 10c; pkt. 5c.

Lobbianum Varieties.

These are distinguished from the tall Nasturtiums by their longer vines; their leaves and flowers are a trifle smaller, but they are superior for trellises; the flowers are of unusual brilliancy and richness; they are also good for winter decoration in greenhouse. Half-hardy annuals, 6 feet.

Asa Gray—Yellow, 5c; Brilliant—Dark scarlet, 5c; Cardinale—Dark scarlet, splendid, 10c; Caroline Smith—Scarlet, 5c; Chaixianum—Yellow, red spotted, 5c; Coccinium Multiflorum—Scarlet, 5c; Crown Princess of Prussia—Blood red,15c;Crystal Palace—Scarlet, 5c; Pearl White—Pkt, 10c; Rose color, 10c; Flammulum Grandiflorum—Scarlet and yellow, 5c; Lucifer—Very dark scarlet, 10c; Mercier Lacombe—Purplish violet, 10c; Monsieur Colmet—Dark brown, 5c; Napoleon III.—Golden yellow spotted with brown, 5c; Roides Noires—Black brown, 10c; Spitfire—Bright scarlet, 10c.

Mixture of all the above varieties, (per oz., 20c;) ½ oz., 10c; pkt, 5c.

Tom Thumb Varieties.

Pearl---White, 10c; Finest mixed, 5c.

NIGELIA.

(Love in a Mist; Devil in a Bush.)

Pretty annuals, with feathery foliage, in which large flowers are set.

Damacena---Double mixed, blue and white, 5c.

NICOTINA.

Affinis---Deliciously fragrant, large white flowers; very ornamental and one of the very best of recent introductions; easily grown in pots or beds; annual, 1½ feet, 10c.

NEMOPHILA.

Charming dwarf growing annuals, with neat, compact habit and striking beautiful colors; to secure the greatest perfection, thin to 4 inches apart; the plants will then present a dense mass of flowers. Mixed, 5c.

PETUNIAS.

For outdoor decoration or house culture, few plants are equal to this class. They commence flowering early and continue a mass of bloom throughout the whole season until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Hardy annuals, 2 to 3 feet.

Petunia.

New Large Flowering Double Petunias.

Mixed Colors—Striped and blotched, 25c; Double Fringed, 50c.

New Large Flowering.

A magnificent large flowering strain, with flowers twice the size of the old sorts with beautiful colorings.

New Single Fringed Petunias.

Fringed Mixed—(See cut) 10c.

Mixed—All sorts, striped, blotched, etc., (see cut) 10c.

PAPAVER.

Poppies. Single annual varieties.

Papaver Danebrog.

Danebrog—Brilliant scarlet flowers, the base of the petals blotched with silvery white; 2 feet high, very effective, 5c.

Umbrosum---Rich vermillion, with a black spot on each petal; very showy, 5c.

Shirley---Single mixed, 10c; Single mixed, 5c; Double French---Mixed, 5c.

Iceland Poppies. (Papaver nudicaule, varieties.)

The fragrant elegant crushed satin-like flowers are produced in never ceasing succession from the beginning of June to October. Not only are they attractive in the garden, but for elegance in a cut state they are simply unsurpassed, and they last quite a week if cut as soon as open. They flower the first season from seed, though they are hardy herbaceous plants, and will last for several years.

Iceland---Mixed colors, 10c.

Papaver Glaucum Tulip Poppy.

Magnificent species, originating from Armenia, and belonging to the Rhoeas group; the specific name refers to its bluish green leaves which are broadly pinate or lobed. The plant rises to a height of from 12 to 14 inches, and produces, well above the foliage, 50 to 60 large and splendid flowers of the most vivid scarlet imaginable. The two outer petals of the flower bear a similiarity to a saucer in which are set two erect petals, of the same color, forming a pouch-like receptacle enclosing and seemingly protecting the anthers. When the flowers begin to fade 2 black spots appear at the base of the petals.

From a mere description, no adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass when the plants are in full bloom, the color being, seen from afar, of such glowing richness as to perfectly dazzle the eye; the beholder is at once reminded of the well-known Scarlet Duc Van Tholl or Vermillion brilliant tulips. It commences blooming early in June and flowers abundantly for a period of 6 to 8 weeks. 25 cts. each.

PHLOX DRUMMONDI.

An indispensable, constant blooming favorite which should occupy a prominent place in every garden for clumps or massing. Hardy annuals.

Phlox.

Large Flowering.

Magnificent class; flowers as large as those of the perennial Phloxes.

Alba--Pure white, 10c.
Chamois Rose, 10c.
Coccinea—Scarlet, 10c.
Striped--New, very fine, 10c.
Mixed--(Per oz. $1.00) 10c.

PERENNIAL VARIETIES.

Papaver Orientale Poppy (Oriental Poppy.)

One of the grandest border plants.

1213. A row of these when in bloom make a splendid show. The prevailing color is the brightest scarlet imaginable but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and endure the longest of any poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt., 10c.

New Dwarf Phlox.

A very dwarf growing and really handsome class.

Chamois Rose—Charming, 15c.
Snowball—White, 15c.
Fireball—Brilliant, 15c.

Phlox Star of Quedlinburg.

A very striking novelty of extraordinary character. The growth is generally dwarfer, and the habit more compact than that of the Phlox Drummondi; the chief difference, however, consists in the flowers, the centre petals of which are five in number, being much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and regular star-like appearance, their attractiveness being greatly enhanced by the broad white margins, which border the edges of the pedals. It has been awarded a first-class certificate of merit. Many colors mixed, per large pkt., 10c; 3 for 25c.

Phlox Drummondi Lutea fl. Pleno.

Of late years several semi-double flowering Phlox Drummondi have been introduced, the value of which as cut flowers will have been recognized by those who have tried them. The very pretty yellow flowering variety which is now offered comes quite true from seed, and possesses a slight perfume. It is worthy of note that in order to produce the best double flowers these double Phloxes should be grown on a light soil; pkt., 25c.

Obconica Primula.

PRIMULA.

(Chinese Primrose.)

This is a great favorite for winter bloom; one of our best pot plants.

Fimbriata Rura, 25c; **Fimbriara Alba,** 25c; **Fimbriata Alba Magnifica**—The finest variety grown; pure white, yellow eye, 50c. **Fimbriata Kermesina Splendens**—Crimson, 50c; **Fimbriata Finest Mixed,** 25c; **Fimbriata Finest Mixed,**—Double varieties 50c.

Obconica with whitish flowers; exceedingly floriferous and very useful for pots and boquets; sown in February or early spring it will bloom uninterruptedly from middle of May, pkt, 25c.

PANSY SEED.

VARIETIES AND PRICES. PLEASE ORDER BY NUMBER.

1—Deep Blue, varying from light to very dark blue, 10c.

2—Light Blue, delicate shade of light blue or lavender, 15c.

3—Uncle Tom, the deepest black of Pansies, 15c.

4—Brown, all shades of bronze and brown, 15c.

5—Fancy Red, reddish shades of purple from rosy to almost crimson, 15c.

6—Purple Mantle, deep maroon to reddish shades of purple, with light tints near edge of petals, 15c.

7—Marble, mixed, 10c.

8—Rosy Lilac, flowers varying from pale lilac to darker shades, 10c.

9—Striped Mixed, flowers beautiful and curiously marked with lilac, bronze and yellow on purple, 10c.

10—Snow Queen, pure white with yellow eye, 10c.

11—Odier Mixed. While other Pansies have center markings only on three lower petals, these marks are shown on all petals in this variety, 15c.

12—Large Spotted, mixed, 15c.

13—Mixture of Odier, and Large Spotted, 15c.

14—Emperor William, blue with large dark center, 10c.

15—Gloriosa Perfecta, or Rainbow, beautiful markings with rich steel blue shading over the colors, some with white, others with white and crimson edges, 15c.

16—Deep Yellow, 10c.

17—Trimardeau. The flowers of this variety average larger than any other; the colors and markings are various, 15c.

18—Extra Choice Mixed, 10c.

19—Selected Mixed, 15c.

Cassier's very large flowered Blotched—Saved from very large and beautifully blotched model flowers, a rich and showy strain, pkt, 15c.

Benard's Non Plus Ultra—Very choice mixed, pkt, 25c.

Primula.

PREYTHUM.

Auroum—Golden Feather, 10c.

SALIGLOSSIS.

Salpiglossis.

Neat and beautiful ornamental autumn blooming plants. Large flowered, all colors, mixed, 10c.

RICINUS.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit producing a sub-tropical effect.

Ricinus Major.

Borroniensis—15 feet; immense green foliage, 5c; Gibsonii—6 ft; dark purplish red, 5c.

Gambogiensis—The finest dark foliaged Ricinus; leaves and stem nearly black, strikingly beautiful, 10c. Finest mixed, 5c.

RESEDA.

(See Mignonette.)

SCABIOSA.

(Mourning Bride.)

Nana fl. pl.—Mixed double dwarf, 5c.

Single Scabiosa.

SALVIA.

Splendens Scarlet Sage—Fiery scarlet, 10c.

STOCKS.

"Ten Week's Stocks." "Stock Gilly." "Gilly-Flower."

Stocks.

Giant Perfection.

A splendid race of pyramidal growth, with long spikes of beautiful large double flowers, twice the size of ordinary stocks.

Sylphur Yellow, 10c; White, 10c; Flesh Color, 10c; Crimson, 10c; Copper Red, 10c; Light Blue, 10c; Mixed, 10c.

Dresden Perpetual—White, very beautiful large spikes for cutting—the more you cut, the more they bloom; quite fragrant and makes a beautiful pot plant, 10c.

Scabious Golden Yellow Double.

After several years of careful selection, we have a pure yellow Scabious which comes almost true from seed. The plants of this pretty and useful novelty are semi-dwarf and bushy, and bear in greatest profusion compact double flowers of a very fine golden yellow color, which are admirably adapted for cutting.

A yellow Scabious having been long looked for I do not doubt that this introduction will secure a large share of popular favor.

SUNFLOWER.

(See Helianthus.)

SWEET WILLIAM.

(Dianthus Barbatus.)

An old favorite. Mixed colors, 5c.

Sweet William.

SENSITIVE PLANT.

(Mimosa.)

Curious and interesting plants; the leaves close and droop when touched or shaken. **Pudica,** 5c.

SILENE.

(Catch Fly.)

Mixed, 5c.

PORTULACA.

Portulaca.

Brilliant dwarf annuals, luxuriating in warm situations; large flowering single varieties.

Pure White, 5c; Scarlet, 5c; Pink, 5c; Yellow, 5c; Mixed, per oz., 40c. pkt, 5c; Double Mixed, 15c.

SWEET PEAS.

(Nat. Ord. Leguminose.)

Very beautiful, fragrant and free flowering climbing plants, continuing in bloom all the summer. Hardy annuals.

(Sweet Peas.)

Scarlet Invincible—Brilliant scarlet, oz. 15c; pkt. 5c.

Adonis—Carmine rose, oz. 15c; pkt. 5c.

Butterfly—Pure white, laced with lavender, oz. 15c; pkt. 5c.

Painted Lady—Rose and white, oz. 15c; pkt. 5c.

Crown Princess of Prussia—Bright blush, very fine, oz. 15c; pkt. 5c.

White—oz. 15c; pkt. 5c.

Queen of the Isles—Scarlet, mottled with white and purple, oz. 15c; pkt. 5c.

Black Purple—Black,oz., 15c; pkt. 5c.

Purple—oz. 15c; pkt. 5c.

All Colors Mixed---(1-4 lb 25c) oz. 10c; pkt. 5c.

Eckford's New Hybrids---Mixed, including the choicest varieties, pkt. 5c.

Blanche Ferry---New and best pink, oz. 20c; pkt. 5c.

THUNBERGIA.

Thunbergia Elata.

Slender, rapid growing climbers.

Mixed---All sorts, pkt. 5c.

TORENIA.

Beautiful plants for open ground in summer or greenhouse in winter.

Fournieri—Porcelain blue and rich violet, 10c.

Fournieri Alba—New white, 15c.

Torenia.

VINCA.

Handsome, bushy plants, producing freely round single flowers, 1½ inches across; suitable for pot culture and sunny flower beds

Vinca Rosea.

Rosea---Rose, crimson eye, pkt. 10c.
Alba---White, pkt. 10c.

VERBENA.

Verbena.

Hybrida, Fine Mixed, pkt. 10c.
Hybrida, New Mammoth, mixed, pkt. 10c.

WALL FLOWERS.

Prized for their exquisitely fragrant long spikes of flowers.

Finest Mixed---Single, pkt. 5c.
Finest Mixed---Double, pkt. 15c.

ZINNIA ELEGANS.

Youth and Old Age.

Few plants have improved as much as the Zinnia, and we have now dazzling

Zinnia Elegans. Nat. Ord Composite.

scarlet, yellow, orange, rose, lilac, crimson and white, rivaling the Dahlia in symmetry. Half hardy annuals.

Large Flowering Dwarf Zinnias.

A new dwarf section, distinct from the above. The flowers are as large or larger than the old class, and of much better shape, resembling Dahlias in form, and the habit of growth is compact and dwarf---rarely growing over 2 feet high. Distinct sorts as follows: pkt. 5c.

Zinnia Elegans---Mixed, pkt. 5c.
New Giant Zinnias---Mixed, pkt. 10c.

SEEDS OF ANNUAL CLIMBERS.

The climbing plants catalogued under the above heading will all bloom and attain perfection the same season from seed. For immediate effects in covering trellises, arbors, piazzas, walls, old trees, houses, etc., they are indispensable, and in addition to their usefulness for shade and covering unsightly objects they add a grace and beauty to the surroundings, unobtainable without them. Many of them will grow 20, 30 and even 40 feet, but unfortunately being of only one year's duration, it is necessary to sow seed each season.

ARGYREIA.

Tilæfolia. A magnificent climber of rapid growth; with large, green heart-shaped leaves, silvery white underneath; very large flowers of white and violet. The seed should be sown in the house and the plants transplanted about the middle of May to a warm, sunny place in the garden. Baloon Vine. Pkt., 15c.

Calampelis.
Canary Bird Vine.
Coboea.
Convolvulus.
Cucumis.
Cypress Vine.
Dolichos.
Gourds.
Humulus.
Ipomoea.
Nasturtium.
Thunburgea.
Sweet Peas,
Wild Cucumber.

Formation of Lawns From Seed.

In the first place see that your ground is thoroughly drained and well prepared, sowing at least 40 pounds of seed to the acre.

Perhaps the best description of soil for a lawn is the stiff loam or clayey soils which, predominate in so many districts. This ought not to be by any means too rich, as a rapid growth is not wanted in the grasses of a lawn, but in preparing it for laying down, let the surface be as much alike in quality as possible, and do not stint the quantity of seed. A little White Clover is a useful addition to the seed. A very stiff clay is no better than a very dry sand for resisting drought, as it is in a measure sealed up against the insertion of roots, and the surface contracting by the withdrawal of moisture, it is liable to crack, etc., to a great depth. Nevertheless, a stiff soil usually makes the best lawn.

If your ground is in condition to raise a good crop of potatoes, it will make a good lawn; add about half a ton of bone dust to the acre, harrowed in before sowing the seed. The success of establishing a good lawn depends much on the season and the condition of the ground at the time of sowing. A very slight raking will protect the seeds much, or a sowing of wood ashes will render them distasteful to birds. Rolling however is at all times indispensable.

The best time to sow lawn grass seed is early in the spring, or about the latter part of August. We prefer the early spring.

One important thing ought not to be forgotten in the preparation of the ground. Let it all have a surface of about six inches alike, for nothing looks worse than to see a lawn grow all in patches. One exception, however, may be mentioned, and that is, if there be any steep slopes facing the south, or other exposed places, let the earth on them be better and deeper than on the ground level, as they are more liable to burn out. When the grass becomes well-established, it should be frequently cut. The oftener you mow, the finer your grass will be.

It is proper here to observe that no lawn can be maintained long in good order without successive rollings. Mowing alone will not secure a good bottom without that compression which the roller tends to give. The rolling should be done in the spring, before the ground becomes dry.

To Grass a Bank or Terrace—For each square rod, take a pound of lawn grass seed and mix it thoroughly with

six cubic feet of dry garden loam. Place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and thin as possible.

Fine Mixed Lawn Grass. For lawns of any extent, we recommend this, our best mixture, to be sown from forty to fifty pounds.

If to go by mail, add 8c per lb.

Finest Quality, lb., 25c; 4 lbs., $1.00;

Blue Grass, Fancy, lb., 25c; [Write for special rates.]

Extra Clean, lb., 20c; bushel, $2 25.

Red Top, Fancy Clean, lb., 20c.

White Clover, Extra Quality, 1 lb., 35c; 3 lbs., $1.00.

HARDY PERENNIAL PLANTS.

A valuable class of hardy plants for permanent borders or gardens, and should be planted in much larger numbers than they are. When once established they increase in beauty from year to year, and require much less care than tender bedding plants.

HARDY GOLDEN MARGUERITE.

(Anthemis Tinctoria.)

With us Anthemis Tinctoria begins to bloom early in June and continue without interruption until November, standing wet or dry, hot or cold weather, perfectly; the flowers are one and a half to two inches across, pure lemon-yellow, and borne on good long stems, and will last a week after cutting; it is a plant that will give the best of satisfaction. Strong field-grown plants, 10c each. $1.00 per doz.

ASTILBE JAPONICA.

(Spirea Japonica.)

One of the finest of hardy garden plants when in flower the plants are from 12 to 18 inches high. The flowers are white borne on feather-like spikes; used with other flowers in boquets or vases they are really beautiful. It is extensively used for forcing for winter flowers by florists. 25c.

Astilbe Japonica.

ANTHERICUM LILIASTRUM MAJOR.

One of the most attractive of our late spring flowering perennials, producing strong spikes of pure white flowers, very much in the form of a Gladiolus. The individual flowers are very large, pure white, and produced in great abundance, easily grown in any ordinary soil, and perfectly hardy. Certainly one of the very best perennials grown; no collection can be complete without it. It

is grand in the borders, and of the highest possible value for cutting. Small clumps, 25c.

ACHILLEA PTARMICA.

(Fl. pl.)

A low-growing, hardy perennial, with small, double white flowers. It blooms in clusters, and is very desirable for cut flowers; fine for cemetery planting. 15c.

ACANTHUS.

(Bear's Breech.)

A distinct class of plants with strong, broad leathery foliage, and noticeable for the numerous spikes of flowers they produce. They are all hardy, and make fine subjects in isolated positions, but like a warm, sheltered place and good soil.

A. Candelabrum.—Flowers pink, July and August. 35c.

ACONITUM.

(Monkshood.)

A stately group of plants for the wild garden or shrubbery borders, 3 to 5 feet high, producing large spikes of blue, white, purple and yellow flowers, not unlike the Delphiniums. Assorted colors, 25c each.

ALYSSUM.

(Mad-wort.)

Dwarf plants, with soft grayish foliage with yellow flowers, and well adapted for edgings to borders or rockeries.

A. Saxatile.—One foot. April. Broad, velvety-gray foliage, surmounted by elegant, small yellow flowers, in heads in April. One of the best, 20c each.

ASCLEPIAS TUBEROSA.

A beautiful, hardy, native plant. Flowers brilliant orange red, on stems 2 feet high, each producing several heads of flowers. It is one of the showiest of our autumnal flowers, and should be planted largely. 25c each.

ANEMONE JAPONICA.

A beautiful class of hardy herbaceous plants, and a finer bed of flowers can hardly be imagined than these Japanese Anemones, which commence to bloom in August and continue to increase in beauty until the end of autumn. They thrive best in light, rich, somewhat moist soil, and should not be transplanted more than is necessary to divide them when they become too thick. A covering of leaves, straw or long manure is sufficient for our most severe winters.

Alba.—Pure white, yellow center, 20 cts.

Rosa.—Deep rose, yellow center, 20 cts.

ACQUILEGIA CHRYSANTHA.

Grows two and a half feet high forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family, 30 cts.

AQUILEGIA CERULEA.

(Columbine.)

A beautiful Rocky Mountain species, with broad flowers, often 3 inches in diameter; the outer sepals deep lilac or blue, petals white, while the deep blue spur is tipped green. A grand variety for the border or rockery. 25c each.

BELLIS.

(English Daisy.)

B. Perennis.—Well-known red, white and pink; double. Very popular spring flowers. The handsome, double flowered varieties are very effective plants, and suitable for edging. Each, 15 cts. Per dozen, $1.25. Per hundred, $10.00.

BOCCONIA.

(Tree Calandine.)

Cordata.—This is one of the most tropical looking of all our hardy plants. It grows 6 to 8 feet high, terminating in a great spike of whitish flowers, and grows in grass or any wild spot. 25 cts. each; $2.00 per dozen.

BUPTHALMIUM.

(Ox-eye.)

A good garden plant, showy, and well adapted for cutting.

B. Selicfolium.—Eighteen inches. June and July. Of compact habit, surmounted by large, clear-yellow flowers in profusion. 25 cts. each; $2.50 per dozen.

CAMPANULA.

(Blue Bells.)

A most elegant and useful species, free flowering and neat in habit and embracing some of the most popular of hardy plants. The varieties range from those of dwarf habit to those of taller growth. Our collection of these embraces about every variety worthy of cultivation.

C. Carpatica.—Nine inches. June. This forms neat compact tufts, covered with large erect blue flowers; useful as an edging, bedding or border plant. 25c each; $2.00 per dozen.

C. Medium.—Handsome sort, with blue corolla, and purple and white petals, 25c.

C. Medium Alba.—A fine white variety of the above. 25c.

COREOPSIS LANCEOLATA.

A beautiful hardy border plant; grows 15 to 18 inches high, and produces its bright golden yellow in great profusion the entire season. It makes a handsome vase flower when cut, and should be grown in quantity wherever flowers are wanted for table decoration, 15c.

DICTAMNUS FRAXINELLA.

A showy border perennial, forming a bush about 2½ feet in height, having

Dictamnus Fraxinella (Burning Bush.)

fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it. A first-class border or exhibition plant, 50c. each.

Coreopsis Lanceolata.

DELPHINIUM.

(Larkspur.)

This bold and attractive group of perennials is a grand addition to the garden. Nothing can surpass the display a collection of these produce, with their long, stout spikes of flowers of soft pleasing colors, varying through almost every shade of blue, from the palest silvery to the deepest indigo, the centers running from pure white to brown and black, resembling a bee. No plants can possibly produce a finer effect than these for several weeks during the summer, and by removing the first flower stems as soon as the blossoms are faded a second crop of spikes will be thrown up.

Lord Brassey— Sky Blue veined, rose, white eye single, 20c each.

Memphis—Very large, light blue shaded rose, white eye, 20c each.

Miss Salway — Light blue tinged, rose, black eye, single, 20c each.

Salerio—Semi-double, grand light blue, mauve inner petals, white eye, 20c each.
Ustane—Semi-double, light blue, dark eye, 20c each.

DIELYTRA SPECTABILIS.

(From China.)

One of the most popular of our tuberous-rooted plants. It is perfectly hardy, and equally adapted to outdoor planting or forcing for early spring blooming. It will produce its showy racems of delicate pink and white heart shaped flowers from February to April in the greenhouse, flowering in the open ground in May and June, 15 cts. each.

DIGITALIS.

(Fox Glove.)

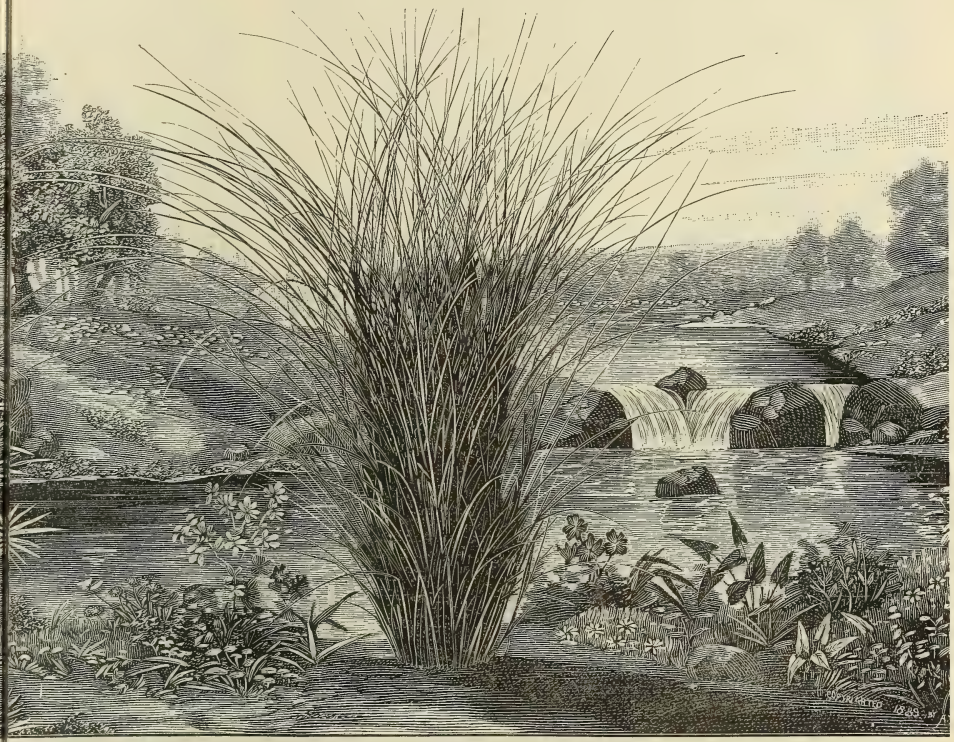
The Fox Glove are well-known, hardy biennials, very ornamental for general flower garden purposes, 15 cts. each.

DAY LILY.

(See Funkia.)

Dielytra Spectabilis.

Eulalia Gracillima Univittata.



Eulalia Gracillima Univittata.

The most beautiful and useful of all the Eulalias. Narrow green leaves, with a silvery white mid-rib. This plant is of most graceful habit and is very beautiful for decorative purposes, and the center of vases as well as making an attractive lawn plant. This variety is one of the finest hardy plants in existence. Price, good plants, 25 cts. each.

A GROUP OF PLANTAIN OR DAY LILIES.

FUNKIA Plantain Lily.

Excellent border-plants, of easy culture in any common, good soil, although they will give sufficiently added results by fine, deep soil and good culture to warrant the trouble, if any. A fine class of plants for use on the lawn in clumps, in the border of shrubberies, and in rock works, where their elegant broad foliage is always attractive, and their long spikes of handsome, and often fragrant flowers lend an added and important charm.

F. grandiflora. 2 feet. July to September. A fine, pure white large-flowered, and exceedingly fragrant species, with handsome, broad, light-green foliage. 25c each. $2 per doz.

ECHINOPS.

(Globe Thistle.)

An ornamental Thistle with broad foliage, which gives a fine effect, in combination with the large globular flowers.

E. Ritro.—4 feet: bearing an abundance of large globular heads of blue flowers. 25 cts. each.

EULALIA.

These ornamental grasses from Japan give fine effects grown in masses. Half Hardy.

E. Japonica Foliis Striatus.—The leaves in this variety have a creamy white band running through the centre of each leaf, giving it a very pleasing appearance. It is quite hardy, and one of the most effective of our ornamental grasses. Similiar in habit to the following. 25 cts.

E. Zebrina (New Zebra-striped Grass) —A remarkable variegated plant having bars of yellow running crossways, not longitudinally, as in the ordinary form of variegations; quite hardy, easily grown, and one of the most ornamental grasses in cultivation. 25 cts.

Gaillardia Grandiflora.

This is undoubtedly one of the finest of hardy perennials. They are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The center is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, blooms in the greatest profusion from June to November. 20c each,6 for $1.00, 12 for $1.50.

Hardy Gaillardia.

GYPSOPHILLA.

(Chalk Plant.)

Reliable plants and worthy of general culture.

G. Paniculata.—An effective border plant, forming a symmetrical bush, 2 feet, covered with white flowers, one of the most elegant of hardy plants for cutting purposes, 20c.

The New Mound Pink, Old-Fashioned Garden Pink and Sea Pink.

The New Mound Pink.

The finest hardy pink introduced. It is a great improvement on the old-fashioned grass pink, which is a general favorite. It is perfectly hardy and makes a fine compact border, or given room will form itself into shapely mounds or blueish-green foliage, that are very ornamental even when not in bloom. It blossoms profusely and shows more or less flowers the entire season. We have picked some as late as October 10th. The flowers are deliciously fragrant, finely fringed and of a very delicate blush pink. The cut flowers mass beautifully for bouquets, as the soft rose-fringed bloom is perfect in fragrance and delicacy of coloring. Should be in every garden; 25c each, $2 per doz.

The New Mound Pink.

Old-Fashioned Garden or Grass Pink—The best of the hardy border pinks of our grandmothers. Flowers double and of a beautiful deep rose color; 15c each, $1 per doz.

Armeria Laucheana (Crimson Gem)—Thrift Sea-Pink. Brilliant rose color. The best of the Armerias. Fine for edgings or borders. In bloom from May until hard frosts. Will flourish even on poor soil. 25c each, $2 per doz.

One root each of the above three varieties for 50c. Mixed Pinks of many shades, double and single, 10c each, $1 per doz.

Helianthus Multiflorus Peinus.

Helianthus Multiflorus.

Golden Gem. The only really pure yellow double sunflower with flowers of medium size. The effect of a single plant is really beautiful, with its very symmetrical growth, its dark green leaves and gold-colored blossoms. The flowers are from 3 to 4 in. in diameter, as double, as any double Dahlia and covering the plant from the ground to the top. It is unsurpassed as a cut flower, at a season when most flowers wilt and fade in a few hours, lasting fully a week or more. It is one of the most desirable plants, and should be in every collection. It should have a sunny position and rich soil, 25 cts.

HOLLYHOCKS.

Few hardy plants combine as many good qualities, lend themselves as readily to varied uses, or as free from disease as the Hollyhocks. For planting rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camelia, form perfect rosettes of most lovely shades. It is not surprising that this old favorite should again become popular; for by careful selection the flowers have been so much improved that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. 25 cts. each, $2.50 per doz.

HEMEROCALLIS FLAVA.

(Lemon Colored Lily.)

A pretty hardy herbaceous plant, with long, narrow leaves; flower stalks two to three feet high; with a crown of beautiful lemon colored flowers, three to four inches in diameter, that are delightfully fragrant; 25c.

LATHYRUS.

(Everlasting Pea.)

But few persons have any conception of the beauty of the Everlasting Peas, or of their great value for cutting purposes. They are fine plants for covering the roots of trees on the top of the rookery, for filling odd corners where scarce any other plant would grow.

L. Lathfolius (Red Everlasting Pea) —Flowers large, bright red, and produced in great abundance. 25c.

L. Albus. (true)—(The White Everlasting Pea).—One of the most useful hardy plants for cutting purposes in cultivation. Flowers large. This white variety is certainly a boon to those who love to have some strong plants always full of blossoms for cutting, and growing robustly with no care. A most valuable plant, and one which ought not to be disturbed when once established. 50c.

LYCHNIS.

(Lamp Flower.)

Very reliaable and satisfactory perennials, with bright and attractive flowers.

L. Dioica Rubra fl. pl. A very handsome border plant, commencing to bloom in April, and continuing at intervals the whole of the summer, it produces myriads of large double crimson flowers, fine for massing and exceedingly useful for cutting; can be highly recommended as a first-class free growing border plant. 25c.

L. Haageana. A very showy perennial, about one foot in height, remarkable for its striking flowers, nearly 2 inches across, of brilliant scarlet; hardy and easily grown. 25c.

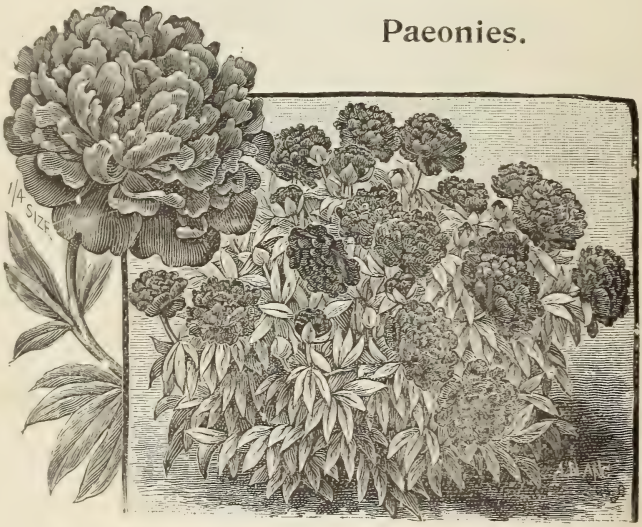
PYRETHRUM ULIGINOSUM.

This is one of the best of the hardy Pyrethrums. Produces an abundance of white flowers, which are very fine for cutting; grows about three feet high and is very showy; blooms a long time, and is valuable either for its decorative effect or for cutting. Strong field-grown plants, $1.00 per doz.

Paeonies.

Noblest of herbaceous perennials, perfectly hardy, wonderfully showy and of the easiest culture. They are quite as well moved in fall as spring, and thrive in any good soil.

The stock we offer this season is the choicest varieties as imported from the most noted growers in Europe. Price, 35c, each.



SINGLE VARIETIES.

Abrupolis—Pink.
Eclat—Purple.
Josephine—Rose.
Larissa—Pink.
Maria—White.
Numitor—Crimson.
Vesta—Flesh color.

DOUBLE VARIETIES.

Abani—Light purple showing anthers.
Abotis—Flesh sulphor centre.
Acacus—Bright rosy lilac.
Actaeon—Flesh.
Ancona—Cherry rose.
Abel de Pujol—Black rose.
Alice de Julvecourt—Delicate pink.
Ambroise Vershafelt—Double rose.
Cabrero—Purple crimson.
Cherita—Dark rose.
Don Juan—Purple.
Eclair—Bright pink.
Harpasus—White.
Isoline—Rose and white.
Labolas—Purple-rose short petals tipped yellow.
Leonora Bramwell—Silvery rose.
Maxentius—Crimson.
Medusa—Rosy lilac.
Madam Calot—Pure white tinted rose.
Natalis—Pink.
Prince Charles—Pink.
Prince Prosper—Deep crimson.
Sotion—Rose semi-double.
Sineusis Alba—White.
Trogan—Rosy purple.
Tricolor Plena—Flesh rose and white.
Triumphe d' Enghein—Rosy pink.
Vittatta—Large rose.
Victoria Modeste—Rose and white.

Pyretherum.

Most desirable hardy plants of easy culturein any good soil. All showy border plants with effective foliage and an abundance of showy flowers in their season, for cut flowers they are unexcelled. 20c each.

Boccace—Double copper.
Bonamie—Double Sulphor.
Captain Nares—Double bright crimson.
Deesse—Flesh double.
Figaro—Double roselake.
Lord Lansdowne—Cherry rose, single.
Mont Blanc—White, double.
Marcianus—Satiny rose, single.
Ruphana—Cherry rose, single.
Ochroleuca—Sulphor single.

DWARF PHLOX.

Every one of these are worthy of cultivation. They grow close to the ground, forming a carpet of foliage, wich in early spring is entirely hidden from view by the flowers, which create a perfect blaze of color. All are easily grown, and increase rapidly. 15c each.

LOBELIA CARDINALIS.

(Cardinal Flower.)

One of the finest scarlet hardy plants we have, and of very easy cultivation, even in clay soils; flowers from August to October. 3 to 4 feet, 25 cts. each.

MENTHA.

(Mint.)

M. Canadensi. Wild Mint; 15c each.

MYOSOTIS.

(Forget-me-Not.)

M. Dissitiflora. The Perennial Forget me-Not. Myriads of intense sky-blue flowers, most useful in the borders and for edging purposes; 25 cts.

PHALARIS.

(Ribbon Grass.)

P. Variegata. Spreading grass, 15 cts each clump.

POPPIES.

P. Orientale. 3 feet. June. The Large Oriental Poppy. A bold and showy perennial, producing numerous slender stems 2½ feet high, with large crimson-scarlet flowers, 25 cts.

PENTSTEMON.

(Florists' Hybrids.)

Perhaps no class of plants are so valuable for producing a mass of bloom during the summer months as pentstemons; so grand are they, in fact, when massed in beds and borders, that no words can adequately express their magnificence. They include almost every shade of color, from the purest white to the deepest of crimsons, shades of rose, scarlet, purple, and crimson predomiuating. They are easily grown, but not altogether hardy in New England. They ought to be lifted in the fall, and stored in a cool, dry place in boxes of soil, the same treatment given dahlias or tritomas suiting them. With a little manipulation they may be had in bloom for months in succession. This is most effectually accomplished by pinching out the leading shoots as the first display is waning. Our selection, 20 cts. each; $2.00 per doz.

Xerophyllum Asphodeloides.

Turkey's Beard.

This plant makes large clumps of evergreen grass-like foilage, which of itsel is very lovely, and in June when it is topped by the heads of soft, creamy, white bloom, it is an extremely showy plant. The following extract from *The London Garden* shows that the Xerophyllum is appreciated in England: "Turkey's Beard (Xerophyllum Asphodeloides) is one of those old-fashioned plants that are rare in gardens. Two splendid masses were exhibited by Lord Walsingham, Merton Hall, at the Royal Botanic show, and were the prettiest things among hardy plants." Also in *The Garden* June 6, 1881, under an article on X. asphodeloides, we find the following: "It is a beautiful and stately plant, varying from one to four feet in height, the flowers delicately fragrant and lasting a very considerable time, either in the plant or in the cut state. The plant has twice been honored by the Royal Horticultural Society: on June 10, 1890, by an award of merit, and at a previous exhibition by a first-class certificate. Collected plants, strong roots, $1 per doz.; $6 per 100

CLEMATIS PANICULATA.

A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions, and indispensable to every private place. A large stock of choice plants, $1.00 each.

BIGNONIA.

Trumpet Flower—(Radicans.) Foliage handsome; flowers large scarlet, trumpet-shaped in August, 50c each.

CELASTRUS.

(Bitter Sweet.)

Native—Vigorous, with yellow flowers and orange-colored berries; perfectly hardy, 30c each.

CINNAMON VINE.

(Dioscorea Batatas.)

A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about 20 feet in height; quite hardy.

Good roots, 15c each; 2 for 25c.

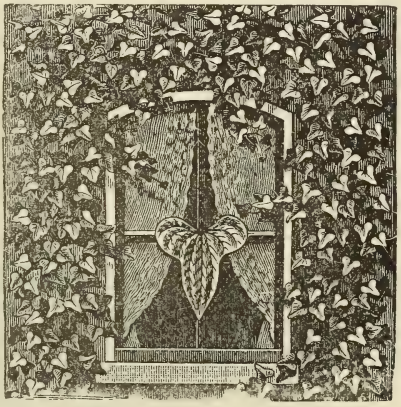
Humulus Lupulus (Hop Vine)—Much used for its "hops," as well as for covering large spaces rapidly. 25c each.

CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and a liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

Wistaria Sinensis—The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed; 35 to 50c each.

Wistaria Sinensis Alba—Of similar habit to Sinensis, with pure white flowers. A lovely climber; 50c each.



Cinnamon Vine.

THE HARDY CHINESE MATRIMONY VINE.

(Lycium Chinese)

A most vigorous hardy climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza or in any location where a hardy vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful, surpassing Holly in appearance. It continues flowering and new berries are

forming from late spring until frost. The berries ripen in early autumn and remain on the vine late in the winter. The number of our hardy vines which can be grown without danger from frost in our northern states is limited, and none are more beautiful than this or as easy of culture. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil; in fact nature has given it all the essentials for wide popularity. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage, and later on rendering them objects of beauty with its wealth of scarlet berries and purple flowers; 40c each.

IPOMOEA PANDURATA.

This white Moonflower differs from all others, as it has a tuberous root resembling a Dahlia, which is perfectly hardy, living in the ground and increasing from year to year. The beautiful dark green foliage is so dense as to form a perfect screen, covering the vine completely from base to summit. Flowers 4 to 5 inches in diameter. They are pure satiny white with purple throat and produced in the greatest profusion; open day and night from June to October. A strong plant will give more than 100 beautiful flowers daily for months at a time, being well distributed over the plant, forming a grand display. Each 20c, three for 55c. Per dozen, $2.00.

HONEYSUCKLE.

There are many varieties of this charming plant which are all very beautiful. The following sorts are recommended as comprising the best. The Honeysuckles are very easy of culture.

Common Woodbine (Lonicera periclymena).—Flowers pale yellow or buff and red, very rapid grower. 20c.

Golden Variegated (Aurea Reticulata).—Leaves beautifully interlaced with golden veins, dwarf habit. Good for vases and window boxes. 20c.

Hall's Japan Fragrant (Halleana).—A most charming sort with white small flowers, changing to yellow, very fragrant. One of the finest, 20c.

Monthly Fragrant or Dutch (Belgica.)—Blossoms all through the season, and very fragrant. Flowers yellow. One of the very best, 20c.

Honeysuckle.

Scarlet Trumpet, Monthly (Sempervirens.)—Very handsome and vigorous, and produces a profusion of scarlet flowers. 20c.

HARDY VINES AND CREEPERS.

Embracing the most beautiful kinds of Vines, suitable for trailing or climbing on verandas, fences, walls, etc.

Akebia Quinata.—A scarce Japanese twining plant, with rich dark foliage and curious dark brown flowers of the most powerful and delicious odor. 25c each.

Apios Tuberosa.—A valuable hardy tuberous rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are hardy and should not be taken up over winter. 15c each; $1.50 per doz.

Aristolochia Sipho(Dutchman's Pipe.)—Large, showy, light green foliage; flowers long and pipe-shaped, hence the name. 50c.

AMPELOPSIS.

A. Veitchii (Japan or Boston Ivy.)—This is the finest climber we know for training over walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with overlapping leaves which form a perfect mat of foliage. The color is a fresh deep green in summer, and takes on in the fall the brightest of autumn colors. Leaves are heart-shaped, and are ranged one above another as evenly as tiles on a roof. It likes a rich soil, and makes a steady growth of about four feet per season; requiring a slight protection in winter in our climate. 2 year plants, 30c each.

Royali—This is identical with A. Veitchii as regards its climbing properties, but it is a larger and stronger growing plant. The foliage even in summer is richly tinted crimson, and in autumn it is perfectly gorgeous in its flame colored foliage. It is, in our opinion, the most valuable of the two varieties. 25c each.

A. Engelmanni.—A fine new Ampelopsis from Japan; has the large foliage of the Virginia Creeper, combined with the clinging habits of A. Veitchii. Plants 30c each.

CLEMATIS, LARGE FLOWERING.

(On Their Own Roots.)

The following varieties of large flowering Clematis, all of which we can confidently recommend to our customers. We grow them in 5 in. pots thus securing abundant roots and well-ripened canes. Strong plants two years old excepting Jackmanni, which is one year.

The leading varieties are:

Jackmanni—This is probably the best known and most widely cultivated of the large flowering clematis, if indeed it has been equalled, either in the abundance of its flowers or the richness of its color. The flowers appear on the Summer's growth of wood, and are of the most beautiful purple shade.

Miss Baker—White, somewhat fragrant.

Miss Batemann—White, violet center.

Mrs. Howard Wyse—White.

Sieboldii—Lavender, a strong grower.

Albert Victor—White, tinged with delicate pink.

Viticella Parpurea—Dark glossy purple.

Lady Caroline Neville—Lavender with violet bar.

Lawsoniana—Lavender, very large, almost as free a bloomer as Jackmanni.

Clematis Stans—Erect Clematis bears in late fall spikes of pinkish white flowers, very sweet scented. It is beautiful near a walk or edging a clump of shrubbery. The foliage covers the ground.

WHITNALL'S SUMMER FLOWERING BULBS, 1893.

The summer-flowering Bulbs for spring planting contained in the following list are inexpensive, very easily grown, and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium, the flaming heads of the Tritoma, or the wonderful markings of the Tigridia. They require scarcely any care, and quickly make a gorgeous display, while the bulbs can be kept over Winter, and will year after year continue to return a hundred-fold, in beauty and satisfaction, the trifling expense of the original cost. These bulbs are all grown for us in large quantities, true to name, and we have placed them very low to bring them within the reach of all. They are in splendid condition, fine large bulbs, properly stored in our warehouse, and will be sent, securely packed, in the same parcels with Flower Seeds. Our prices are for choice bulbs.

Agapanthus.

AGAPANTHUS.

Umbellatus—Bright blue, large heads, 50c to $2.00 each.

AMARYLLIS.

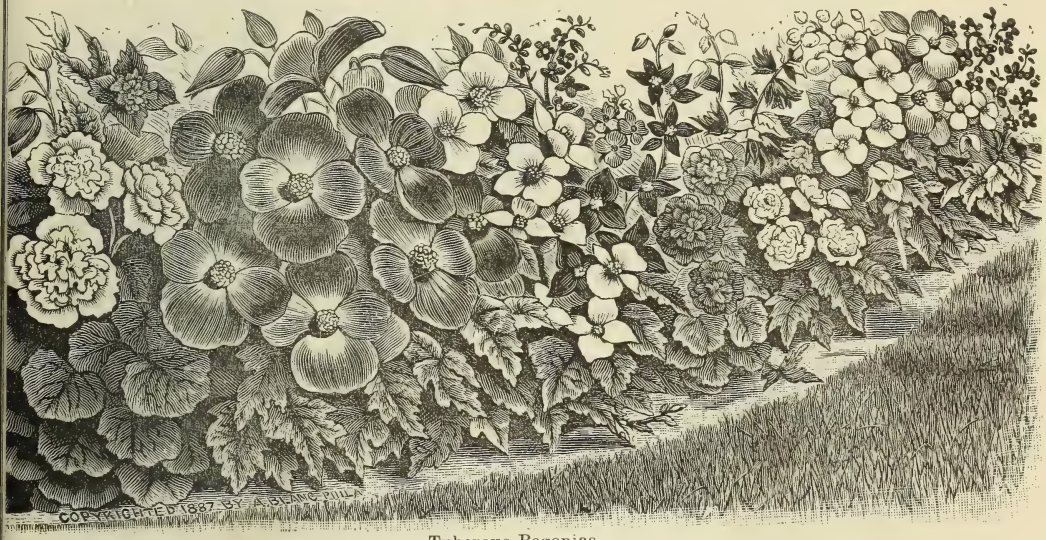
Formosissima — Intense velvety-crimson; a most striking color and flower. This will certainly please any lover of flowers. The shape and color are most striking. 10c. each.

Vittata—A sturdy race of this charming bulb. Most of the finest named varieties were produced by hybridizing this variety. Finest mixed variety. 40c each.

Amorphophallus Rivieri.

AMORPHOPHALLUS RIVIERI.

A very remarkable and showy plant, with enormous palm-like foliage spreading in the shape of an umbrella. The stem of deep green is marbled with brown and white; a desirable plant for specimens or groups on a lawn. The flowers are very large, of deep red, and are produced before leaves appear. It is chiefly grown, however, for the luxuriant tropical effect of the foliage, it should be planted out in May. Price 40c each.



Tuberous Begonias.

BEGONIAS.

(Tuberous Rooted.)

A handsome class of Summer blooming plants, commencing to flower early and continuing in full bloom until frost; rivaling the Geraniums in depth and intensity of color. They grow best if planted in partial shade in a soil composed of leaf-mold, sand, and a small portion of well rotted cow manure. They also make splendid specimen plants when grown in pots. When through flowering they should be dried off and shaken free from earth, and packed in charcoal dust or dry leaf-mold and kept in a warm room until February or March, when they may be started again.

DRY BULBS.

Mixed Single, 20c each, $2.00 per doz.
Mixed Double, 40c each, $4.00 per doz.
Mixed Single, Separate Colors, 25c each,

Canna. These splendid, broad-leaved plants are used in semi-tropical gardening with rich effect. In South Florida the roots can be left in the ground the year through, and if the tops are frosted down in winter, in spring the new shoot will be as good as ever.

C. flaccida. Native of the Florida swamps, but deserves cultivation universally as a bedding plant. Of dwarf habit, but producing quantities of large, iris-like flowers, three inches in diameter, of a rich golden-yellow. When once fairly introduced, we predict for this plant a great popularity, as it will prove invaluable as a fore-ground in groups and beds of tall-growing Cannas, Caladiums, etc.; is grown with the greatest ease, and content with any soil. 10c each, 80c per doz.

MADAM CROZY.

Only those who are acquainted with the new class of Cannas, can realize what a grand flower we now have in the new sort, **Madam Crozy.** The immense flower heads of the deepest vermillion, gold bordered, are double the diameter of a Gladiolus spike, and these flower spikes or heads follow each other so rapidly, that the plant is always in bloom. The petals are very wide and broadly rounded. It is especially in the size of individual flowers that **Madam Crozy** excels all Cannas. The plants grow about 4 feet high. It is unquestionably the finest flower of all these new sorts. Price, fine plants, each 30c.

STAR OF '91.

Next to Mad. Crozy this was the sensation of last year in the way of new plants. The habit of the plants is very dwarf, about 1 foot less than Madam Crozy, but with full fine foliage, and it has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower spike, which in its turn becomes many branched, each branch bearing from 12 to 17 blossoms, each blossom 4 to 5 inches wide, and each petal 1½ inches broad. The color of the flowers is glowing orange scarlet, not so clear a vermillion as Mad. Crozy, faintly banded with golden-yellow, and the plants from tiny morsels to big specimens, are perpetually in bloom. Their brilliancy is unsurpassed and it never ceases blooming, each 30c.

Alphonse Bouvier, the finest crimson, 75c each.

Paul Marquant, a mammoth apricot flower, 75c each.

Captain de Suzzoin, the best yellow, 75c each.

Common Varieties, mixed, 10c each.

CRINUM.

There are numerous species of Asiatic, Australian and South American origin, while a few have been discovered in Africa. They are rapidly becoming great favorites in these states, owing to their gorgeous flowers and their certainty of blooming. The bulbs are remarkable for their tenacity of life, being easily kept in a dry state for a year or more. They bloom best if potted in rich soil mixed with fibrous peat and charcoal—one-half the bulb above the ground—and planted out in summer. After flowering, water should be partly withheld and the plants fully exposed to the sun.

Crinum Capense rosea.

Crinum Americanum. A native species, bearing numerous spikes of white, sweet-scented flowers. Not by any means the showiest, but giving a deal of satisfaction for low price; 30 to 75c.

Crinum Capense rosea (From Cape Colony). While much praise has been bestowed on some Crinums sold at $1 to $3 each, here is one which is just as beautiful, and which would be perfectly hardy in any but the most northern localities, with a slight protection. Its flowers are borne on stems 2 to 3 feet high; they are very large, funnel-shaped, white, tinged with red, and produced in umbels of 10 to 20, blooming several times during the season. They enjoy deep planting, very rich soil, with an abundance of water in summer. Blooming-size bulbs, 50c.

CHLIDANTHUS.

Chlidanthus fragrans is indeed a "delicate flower," delicate in looks and delicious in perfume. The flowers are borne in dense clusters during the months of July and August and are of a deep canary-yellow; quite large (often three or four inches) extremely fragrant. The name of Golden Lily, given to *Lycoris aurea*, should, by right, belong to this. It is one of the many new bulbs received by us direct from Peru, and will no doubt prove a valuable addition to the favorites of the garden and greenhouse; 20c each, three for 50c.

CHLOROGALLUM.

"Soap-plant" and "good-afternoon" are quaint applications given to this curiosity, the bulbs of which are used in California as a substitute for soap. The foliage is quite ornamental, growing to a height of two feet, while the flowers produced on numerous branches are white, with a purple vein through the center of petals. Treat same as Chlidanthus. Prefers rich, loose, sandy soil. 20c each, 3 for 50c.

THE SPOTTED CALLA.

The leaves of this beautiful Calla are deep green with numerous white spots, which gives the plant a fine appearance. The flowers are pure white with a black center. They grow freely on any soil, either indoors or out, and flower splendidly in the garden, treated like Gladioulus, that is, planted in the spring and dug in autumn, and kept in the cellar, dry, over winter. 30c each, 4 for $1.00.

CINNAMON VINE.

The Cinnamon Vine or Chinese Yam is a tuberous-rooted climbing vine that grows with great rapidity, quickly covering walls, trellises, etc. Its bright, lively green foliage makes a most attractive, dense screen. Good strong Tubers at 15c each, 2 for 25c or 5 for 50c.

CALADIUM ESCULENTUM.

A tropical plant of the well known family of Caladium, growing to a height of four or five feet, with corresponding breadth. The leaves are of immense size, often 18 inches by 2 feet, as a single

plant for lawns or large flower borders or for edges of water it has no superior.

Caladium Esculentum.

Strong Bulbs—Dry, 15 cents; per dozen, $1.50. Started in pots, 20 cents.
Fancy Leaved Varieties, 30 cts. each.

GLOXINIA.

Plants of great beauty for conservatory or greenhouse; flowers 2 to 3 inches long, tinted, mottled and marked with delicate and rich colors. Tender perennial.
Large Flowering—Mixed, 25c each.

DORYANTHES.

(Giant Torch Lily of Australia.)

Plants of extreme tropical beauty and very scarce in this country. Great excitement was created in Europe when it first bloomed, owing to the gorgeousness of the flowers, which combine many colors, such as scarlet, blue and white, and are borne on immense spikes 12 feet high; foliage extremely ornamental and very decorative. Usually sold at $3 to $5 each; largest bulbs, $1 to $2 each.

GLADIOLI.

Set the bulbs from 6 to 9 inches deep. Plant from middle of May to first of June. In the fall before hard frosts, take up the bulbs, remove the tops, leave them to dry in the air for a few days and store in some cool place, secure from frost, until spring.

Gladioli.

The Gladiolus is becoming exceedingly popular everywhere, and while no flower has shown such wonderful improvement in the twenty years past, none has shown such rapid advancement in public favor.

Separate Colors.

White and light, 5c each; pink varieties, 4c each; yellow, 5c each; red, 2c each; extra choice mixed, 3c each; Lemoine's, 6c each.

No difference in price for large quantities.

DAHLIAS.

Dahlias.

Good Tubers in variety, our selection, 20 cents each.

HYACINTHUS CANDICANS.

A very showy white flower; the bulbs are very cheap and can be effectually used for borders and along fences; 10c each, 3 for 20c, 75c per doz, $2.50 per 100, by express only.

HARDY WHITE DAY-BLOOMING MOON FLOWER.

(Ipomeo Pandurata.)

LILY VALLEY.

Imported pips, 15c per doz, $1 per 100.

AURATUM LILY.

This beautiful variety has been aptly called the "Queen of Lilies." When fully expanded, the flowers measure nearly a foot across. Their fragrance is delicious, and the blending of the colors in the individual blossoms exquisite, being ivory-white, thickly strewn with purple studs, with a broad band of light golden-yellow extending from tip to base of each petal. The variety is, beyond question, the grandest of all the Lily family, and we offer this season a splendid stock of sound, well-ripened bulbs at a price which commends itself and places this beautiful Lily within reach of all. Extra selected bulbs, 20c each.

MILLA BIFLORA.

One of the finest bulbs; flowers pure waxy-white, very fragrant, petals are very thick and firm, and flowers last well in water. It blooms with wonderful freedom; 10c each, 3 for 25c, 10 for 70c.

SPIDER LILY.

(Pancratium Caribbaeum.)

This pretty Amaryllis-like flower is of easy culture, freely producing its clusters on large, white, delightfully fragrant flowers. Plant in good rich soil in pots, or in summer in the open ground; when through blooming, pot them and withhold water until the next season; 20c each, 3 for 50c, 6 for $1.

MADEIRA VINE.

A very popular tuberous-rooted, climbing plant. 5c each.

DOUBLE PEARL TUBEROSE.

Tuberose.

First class bulbs, 3c each, 25c per doz.

A Group of Tigridias.

TIGRIDIAS.

(Shell Flowers.)

These are extremely beautiful, and should be in every garden. Planted in the open ground in May, they commence blooming early in July and produce an abundance of flowers until October. Late in autumn the bulbs should be lifted, dried, and stored in the cellar like Gladioli. They are one of the easiest plants in the world to cultivate, and always sure to bloom abundantly.

Tigridia Grandiflora Alba—Its flowers are large, of a clear, pearly-white color, marked at the base of each division with large spots of a reddish brown on a yellowish ground, forming a fine contrast with the white of the petals; 10c each.

Tigridia Conchiflora — Fine yellow, spotted crimson; 7c each.

Tigridia Grandiflora—Very large, bright crimson, center variegated with yellow; 7c each.

One Bulb of each variety for 20c, or six bulbs of each variety for $1, postpaid.

TRITOMA UVARIA GRANDIFLORA.

(Flaming Torch or Red Hot Poker Plant.)

At all floral exhibitions, and when sent as cut flowers to the New York market, this plant attracts more attention than any other flower. It grows from four to six feet high; the flower spike is often five feet high, and the flower measures twelve to fifteen inches long and twelve inches in circumference. They are a dazzling scarlet, lower half of flower tinged with rich orange. A clump of these makes a striking show. A valuable feature is that the flowers are nearly frost proof, and remain uninjured long after nearly all flowers have perished; 20c each.

Tritoma Uvaria.

ROSES.

HYBRID PERPETUALS.

More attention is paid each year to hardy Roses. It is a great satisfaction to have a cluster of these strong growing kinds, about which you need have no fear in the winters. It is true they bloom in great profusion in June or July, but the varieties catalogued are specially recommended for blooming in the autumn; and if by the means of Slug Shot or Hellebore you keep the worms from destroying their fine foliage, and intersperse your Gladiolus and Tigridias among them, your bed will be beautiful through the season.

In planting H. P.'s you need a portion of the patience required in tree planting, as they seldom show more than a stray bloom or so the first year, improving gradually each succeeding season. The idea of permanence is an added pleasure in their culture. The first June that gives you a good show of bloom and delicious old-time odor you will declare yourself well repaid for your patience.

We hardly need advise the purchasing of Roses on their own roots, as the entire Amateur public seem to speak their own mind very emphatically on this point. Our own salable roses are all on their own roots.

Location of Rose-Bed.

A sunny spot, not undermined by roots of trees, and quite level with the grass plot. Prepare your bed by digging to the depth of 24 inches. Any good garden mould will grow Roses, but they are especially fond of small clods of clay in the soil. If the bed is not under-drained naturally, provide drainage by means of broken bricks and stones at the bottom. Add one-fourth old, well-rotted cow manure to the soil and clay. Ground bone ranks next to old cow manure as a fertilizer, and may be used in place of it or in addition to it. Roses are rank feeders, and amply repay the food and moisture given them, both by luxuriance and elegance of foliage and profusion and size of bloom.

After the plants have been set out, which should be early in the season, keep the soil loose by frequent shallow stirrings until the middle of June, when they should be mulched by covering the surface of the bed to the depth of an inch or so with old manure or any straw material, to prevent evaporation. An occasional application of manure water greatly stimulates growth, and growth, with most roses, means bloom.

Winter Protection.

The Everblooming Roses require protection during the winter. Remove a little earth from the side of the Rose-bush, cut out all the tender growth, and strip off most of the leaves; then bend the bush over and cover to the depth of 3 or 4 inches with loose earth, over these a light covering of boards or boughs. Any mode of protection is as good as this, provided it prevents sudden freezing and thawing, and does not hold moisture about the stem, causing decay. A straw covering is apt to harbor mice.

Do not cover too soon; wait until the plants are well matured and severe weather is beginning; light freezing will not hurt them. Uncover when the frost is leaving the ground and spring is fairly opening. Prune out all injured wood and level the earth.

We recommend the following ten varieties for hardiness and vigor of constitution and as being especially adapted to amateur cultivation. Price, 2-year-old plants, 35c each; the set of ten varieties, $3.00;

Mme. Trotter—Rich red foliage, a tremendous grower and perfectly hardy. Valuable as a single specimen shrub; flowers dark pink.

Caroline de Sausel—Almost white, comes nearest to filling the demand for a hardy white rose that will grow on its own roots except Mad Plantier.

La Reine—One of the best Autumn bloomers, beautiful clear light rose color.

Anne de Diesbach—Clear Pink.

Antoine Mouton-Similar to Paul Neron but a free bloomer and more hardy.

Baron de Bonstetten—One of the best very dark roses, a good grower.

Countess de Serenye—Flesh color.

Gen. Jacqueminot—Crimson.

Magna Charta—Brilliant, dark pink.

Mad Plantier—Perfectly hardy pure white double.

Baron Taylor—Salmon Pink, a rare and beautiful color.

John Hopper—A fine clear pink and a profuse bearer of perfectly formed flowers.

HARDY CLIMBING ROSES.

Climbing roses are highly valued for training over arbors, trellises, and verandas; also as screens for unsightly objects such as old buildings, fences, walls, etc. They grow ten to twelve feet high and are entirely hardy. They bloom the second year, and but once in the season, but are then loaded with splendid roses, and are among the most beautiful of flowering plants. The varieties described below are the best, and succeed well in all sections of the country.

Baltimore Belle—By all odds the most beautiful of the hardy climbers; no Northern home should be without one. Beside using against a wall or trellis, they make a fine background for hardy roses, or may be used as a center piece in a round bed, by clipping back slightly. When open, the roses are medium-sized, flat and very double; a beautiful white, slightly tinted; buds light carmine and white. It cannot be praised too highly. 25c each.

Prairie Queen—Clear, bright pink, sometimes with a white stripe; large compact and globular; very double and full; blooms in clusters; one of the finest. 25c each.

MOSS ROSES.

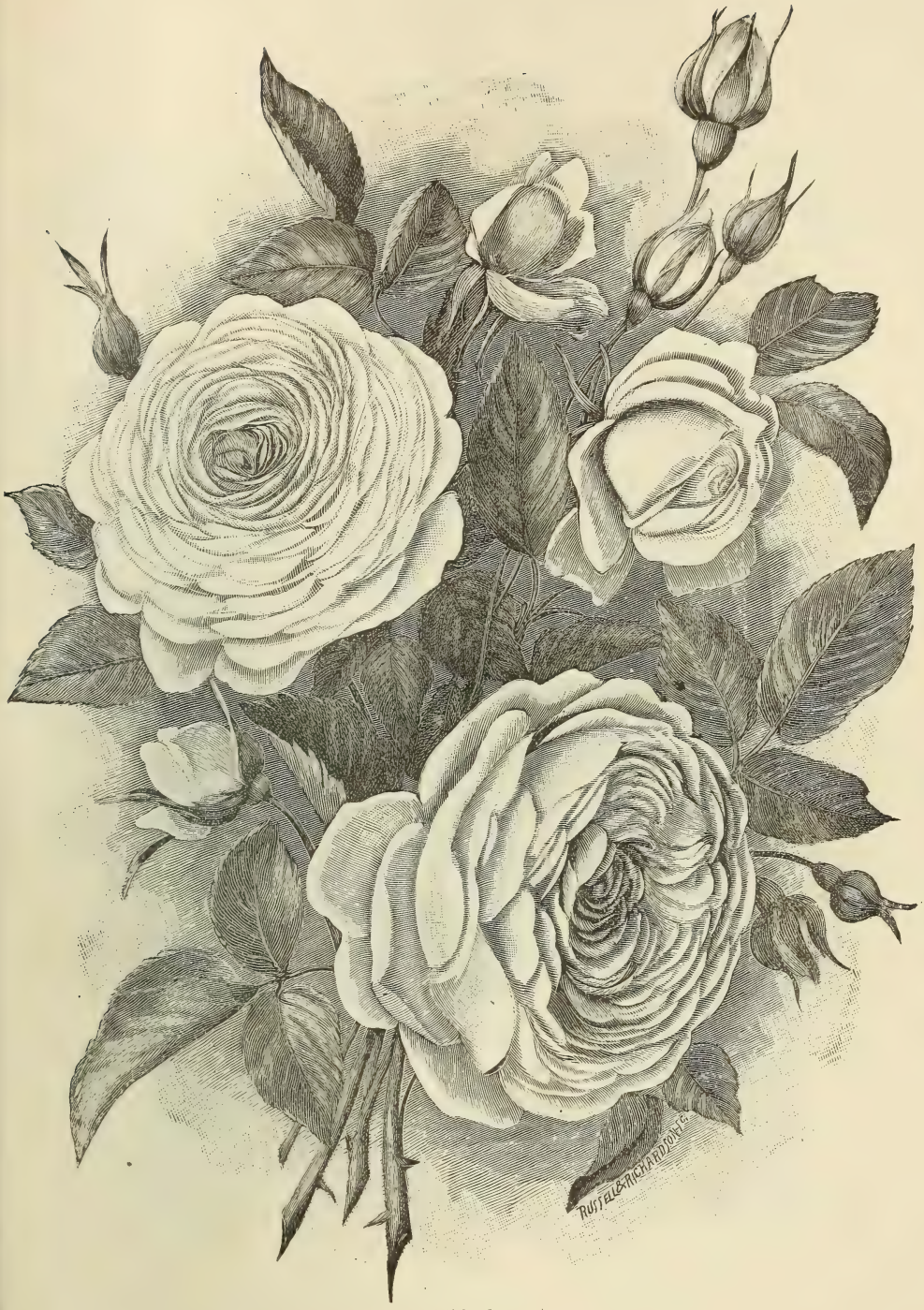
White and pink, good plants, 25c. each.

R. rubiginosa. [Sweet Brier,] 6 ft. June. A stout dense-growing bush with glaucous foliage, which gives off a most charming fragrance, especially when crushed. Flowers rather small, pink, exceedingly fragrant and freely produced. Will make admirable hedges. Fruit, orange-crimson and very showy, 35c.

THE BEDDING ROSE.

"Clothilde Soupert."

This grand Rose is what is known as a "Polyantha Hybrid," obtained by crossing a monthly ever-blooming variety with the Polyantha Rose "Mignonette," The result of this cross has been to produce the splendid bedding rose, Clothilde Soupert, shownin the adjoining engraving. The previous objection to the Polyantha Roses, viz., smallness of flowers, has been overcome in this variety, as the flowers of Clothilde Soupert are of full average size, double to the center and exquisitely fragrant. The color is a French white, deepening to rosy blush in the centre, exceeding in distinctness of shadings the well-known Malmaison. Its greatest value lies in its compact, vigorous habit, and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. The form and substance of the flowers are so perfect that the hottest weather does not cause a deterioration of either, so that even in midsummer a boquet of splendid buds and open flowers can be obtained from this fine variety. Too much cannot be said in praise of this Rose for bedding purposes. It deservedly earned its title of the "Premier Bedding Rose." Valuable as it is for garden purposes, it is even more so for pot culture, and ranks as first for blooming in the dwelling-house. it is entirely exempt from the diseases usually affecting Roses in the house. Each 20c.



Clothilde Soupert.

"AMERICAN BELLE."

A pink-colored sport from the "American Beauty" and the grandest acquisition to the rose family in many years. Raised by Mr. John Burton, of Chestnut Hill, one of the most successful rose growers in this country, it has created a sensation wherever shown and has carried first honors at the recent exhibitions in New York, Philadelphia, Boston, Chicago, Cincinnati, and elsewhere throughout the United States Both the flower and the foliage are entirely distinct from those of the "American Beauty." The color of the

flower is a deep, clear pink, without the slightest tinge of blue even after being cut for a few days. Instead of turning bluish as the "Beauty" does with age, the "Belle" becomes still more pink as the flowers get older. This characteristic is a most valuable one and makes this rose peculiarly desirable for cutting. In the bud stage the color of the flower is deeper, but as it expands the pink shade becomes pure and distinct, making it a fit companion for the "Beauty," to which beautiful variety it is an auxiliary or companion, and not a competitor. The delightful fragrance of the "Beauty," the sweetest of any rose known, is also possessed by the "Belle" in an equal degree. The growth of the "Belle" is not quite so strong as the "Beauty" but the bloom is even freer. The foliage is quite distinct—a fine deep green.

The plants will be ready for dissemination April 15, 1893. Orders booked now will be filled strictly in rotation according to date received, but no stock will be sent out before April 15. The stock will be well-grown, healthy vigorous stuff from 2½ inch pots. Price, $1 each.

GENERAL LIST OF BEDDING PLANTS.

Ageratum White Cap—Pure white dwarf, $8 per 100.

Ageratum Cope's Pet—Blue dwarf, $8 per 100.

Alternanthera—Two varieties, the red and the yellow, per 100, $6.

Begonia Vernon—Red flowers, dark leaves, a novelty, 25c each, $15 per 100.

Coleus—Golden Bedder, Golden Verschifeltii, John Goode, Othello and Verschifeltii, $10 per 100.

CARNATIONS.

Day Breake—Best and most valuable, new one in years. Beautiful flesh color of most pleasing shade, plant fine habit, 15c each, small plants.

Orange Blossom—Crimson and white, 15c each.

J. J. Harrison—Pure white, delicately shaded and marked pink, flowers large, 10c each.

Mrs. Fisher—A good white, 10c each.

John McCullough—bright vermillion, 10c each.

F. Mangold—The finest dark crimson, 10c each.

Todal Wave—Pink, 10c each.

Portia—Scarlet, 10c each.

Silver Spray—White, 10c each.

Hector—Dark scarlet, 10c each.

CHRYSANTHEMUMS.

Lilian B. Bird—Very large size, full high center, petals tubular, of varying lengths, shrimp pink.

Mrs. C. H, Wheeler—Very large, incurved, outside of petal, bright orange, lined on concaved side with red.

Mrs. E. W. Clarke—Good size, fine form. Deep amaranth purple, reflex silvery rose.

Mrs. A. Blanc—Center of floret erect, outer petals horizontal or drooping, of rosy lavender, centre soft clear rose, with a touch of gold.

W. W. Coles—Very bright reddish terra-cotta, reverse pale yellow, outer petals broad, long pointed and horizontal; a large flower.

L. Canning—A most exquisite white, the flower is quite regular in form, very large; the best white for general culture.

Mrs. R. Eliot—A grand yellow, the form is regular, very double, large flower, slightly recurved.

Ab-Del-Kader—Rich deep crimson.

Angele—Pale satiny rose.

Duchesse—Rosy crimson, suffused with salmon.

Fantasia—Flowers blush white and of good size.

Gloriosum—Bright yellow and early.

Jessica—Large white with lemon colored center.

Mrs. H. A. Harris—Flowers large of a delicate shape, of creamy white and pink.

Source d' Or—Orange yellow, tipped and shaded brown.

Tuko—Rich bronzy crimson.

The above varieties 10 cts. each or 12 for $1.00.

Mrs. L. C. Maderia—Lemon color, round as a ball.

Mrs. J. J. Jones—

V. H. Hallock—Beautiful clear pink.

Target—Brilliant crimson spatulated

petals, bright yellow in center, stout erect stems.

J. C. Vaughan—Richest plum crimson, without any shade of Purple; large.

Waban—Pink, very large full flower.

O. P. Bassett—

Vivian Morel—Very large, deep pink, form high and rounded.

E. Toile de Lyon—Lilac rose, shaded silver, full high center, very large.

Mrs. Burpee—

H. E. Weidner—The finest lemon yellow.

Minnie Wanamaker—Silvery white, dwarf habit.

Mr. Drexel—

White Kiota—

The above fourteen varieties, 20 cts. each, twelve for $2.00.

FUCHSIAS.

This graceful plant delights in a cool shady position and requires a rich sandy loam. It is not adapted to sunny or exposed situations. Our varieties are mostly old ones, for the reason that we are not convinced of there being any of the so-called new varieties, which are superior.

Fuchsia.

Black Prince—Single, tubes and large sepals very carmine; corolla pale pink, large and wide open. A fine single variety.

Carl Holt—Single, white and red striped variety. A very striking and beautiful sort.

Earl of Beaconsfield—Single, corolla very large; orange scarlet.

Avalanche—Double violet corolla; carmine tube and sepals.

Model—Our largest double white. Give this proper care and Storm King or Mrs. E. G. Hill will do their very best before excelling this old variety.

Puritan—Single white.

Rose of Castle—White Sepals, lavender corolla, single.

Fulgens—Single, very slender flowers of orange scarlet, blooming in clusters; the foliage is very large and soft.

Speciosa—Large single pink.

Colin Campbell—Double purple.

Miniature—A beautiful and distinct variety; the flowers and foliage are very small and finely cut.

Sunray—A well grown plant, is beautiful on account of its variegated leaves; white, pink and green.

3-inch pots, $1.00 per doz., large plants, $2.00 per doz.

FICUS.

Elastica—India Rubber Tree. It is difficult to find anything in nature more magnificent than the foliage of this plant when well grown. Small plants, each, 50c to $1.00; 2d size, 2 ft. high, $3.00; 3d

size, 4 ft. high, $6.00; 4th size, 7 ft. high, $12.00.

Reapens— A climber, beautiful for covering walls of conservatories. Small plants, 25c each.

FEVERFEWS.

Double, white daisy-like flower; constant bloomer; 15c; $1.50 per doz.

GOLDEN FEVERFEWS.

(See Pyretherum.)

FUNKIAS.

(See Hardy Perennials.)

GERANIUMS ZONALE.

(Horse Shoe.)

This class of plants having proved so admirably adapted for bedding purposes, in our hot dry summers, are now cultivated in larger quantities than any other plant. White, scarlet and pink, both double and single. We grow these plants in very large quantities for bedding purposes and have selected the very best varieties for that purpose.

Geranium Zonale.

Ficus Elastica.

Our Scarlets are mostly of the Bruanti type, double or single.

Our Pink varieties are of the same class, excepting the single old variety, Master Christina. We grow but one variety of Salmon color, a semi double called Beaute Portevine. Our stock is arranged for bedding entirely, and is delivered in four inch pots and should be ordered by stating number and color desired for each bed. We have only the best single scarlet, double scarlet, single pink, double pink, double salmon, double white and single white; these we will sell in quantity for $8.00 per 100; where less than 25 plants are taken, they will be 12 cts. each.

$1.25 per doz. We also grow quantities of mixed varieties for vases which we sell at $7.00 per 100, $1.00 per doz., 12c each.

VARIEGATED FOLIAGE GERANIUMS.

Happy Thought—Yellow and green, Mt. of Snow, white and green. $10.00 per 100, $1.25 per doz., 15c each.

IVY LEAF GERANIUMS.

For Vases and window boxes, assorted varieties, 15 cts. each.

ROSE GERANIUM.

The best sweet scented variety, 10c each.

HELIOTROPE.

Healthy plants, 4 inch pots, 10c each.

IVIES.

English—Superb famous, evergreen climbers; tender here, but in locations where not subject to too much freezing and thawing, sometimes attains great size and beauty. Shady places are best for Ivy. 50c each. Strong plants, up to $10.

Kenilworth Ivy—(Linaria). A delicate looking drooping plant for hanging pots; each 10c.

German Ivy—(Senecio Mikanioides). A rapid growing climber, an admirable window creeper. 15c each.

LANTANAS.

One of the best summer-flowering tribe of plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants bloom more continuously or afford greater variety of color than this plant. When grown with a single stem and trained as standards, with fine bushy tops and straight stem, besides being in bloom all summer, they present on the lawn or piazza an effect that is unsurpassed by any other plant.

Lemon Verbena.

(Aloysia Citradora.)

Fragrant foliage. Young plants, 15c each; 2 years old, 35c each.

LAUREL.

(Nobilis.)

A native of southern Europe and is a beautiful evergreen shrub or tree. Its leaves have an agreeable aromatic, slightly bitter taste. Small plants, 50c each, large standards, $15 and $20 each.

Lantana.

SALVIA.

Scarlet flower—4 inch, pot plants, 15c each.

TUBEROSE.

Pearl—The value of this sort over the double Italian consists in its flowers being of large size, very double and imbricated; of dwarf habit, growing only from 18 inches to 2 feet in height; its short growth making it desirable as a pot plant, or for winter forcing. Started in pots, 15c each, if in bud, 25c each.

VERBENAS.

Our stock this season is grown from seed of the best varieties of the Mammoth strain lately introduced. 5c each; 50c per doz; $4 per 100.

ORNAMENTAL TREES.

ALDER.

European—A tree of rapid growth, which attains to the height of 30 or 40 feet, well adapted for planting in moist situations; 5 ft, $1.

ASH.

European—A lofty tree of handsome growth with light pinate foliage and spreading head; 12 feet, 75c each.

Golden Barked—A variety of irregular and peculiar growth. Its bright yellow bark makes it a conspicuous object in winter; $1.50 each.

BEECH.

American—Our native sort, well-known as one of the most picturesque of round headed trees; 2 ft, 75c each.

Rivers Purple—An exceedingly beautiful tree with very remarkable dark purple leaves; one of the strangest anomalies among trees, in the hue of its foliage, which contrasts finely with the green of other species; 3 to 4 ft, $2 to $5 each.

Fern Leaved—A beautiful round headed tree with delicate fern-like leaves and wavy shoots, that produce a most graceful effect; 3 ft, $1.75 to $5 each.

Cut-Leaved Weeping Birch.

Reduced from Illustration in Garden and Forest.

American Elm at Sandwich, N. H.

[Copyright, 1890, by the Garden and Forest Pub. Co.

BIRCH.

Cut Leaf Weeping—A very fine tree with distinct, beautifully cut, delicate leaves and slender drooping branches. One of the most popular and desirable of all ornamental trees; it should have space for its full development; 4 to 6 ft; $2 each.

Purple Leaved — A purple leaved variety of the White Birch with leaves as dark as those of the Purple Beech; 3 to 4 ft, $1 to $2.

CATALPA.

Speciosa—A native of our Western states, and is considered one of our most valuable timber trees. The flowers which appear about the first of July are very handsome and showy, and in general appearance somewhat resemble the Horse Chestnut. The leaves are heart shaped; 6 to 8 ft, 50c to $1 each.

CHESTNUT.

American—A well known forest and nut-bearing tree, of great value for ornamental purposes; 6 ft, $1.00 to $2.00 each.

ELM.

American White—The well-known noble tree of our own forests; generally considered the most beautiful of all our native trees, one of the best of all trees for street planting; 50c to $2.00 each.

Golden Leaved—A beautiful variety with bright golden leaves. Promises to be a great acquisition, an elegant companion to the Variegated Leaved Elm with which it contrasts beautifully; 4 to 5 ft, $2.00 each.

Variegated Leaved—A variety of the English elm with the leaves edged and speckled with yellowish white, very unique; 5 to 7 ft, $1.25 each.

GINGKO.

Maiden Hair Tree—A very singular and artificial looking tree with fan-like leaves resembling the divisions of the maiden-hair fern. This tree is a native of Japan, where it is considered a sacred object; 4 to 5 ft, $1.00 each.

HOP TREE.

A small tree of rapid growth. The flowers are green and inconspicuous but quite fragrant. The fruit is winged, grows in clusters, and at a little distance resembles the fruit of the hop vine; 5 to 7 ft, 75c each.

HORNBEAM.

(Water Beech.)

European—A small-sized tree somewhat resembling the Beech. Very handy and quite ornamental. Makes an excellent and very ornamental hedge; 4 to 5 ft, 50c.

HORSE CHESTNUT.

Common White Flowering—A well known handsome tree, with large, rich foliage, and beautiful Pyramids of white flowers tinged with rose, which appear early in spring; size 6 to 7 feet, 1.50 each.

Red Flowering—Similar to the Common White Flowering, only leaves are of a darker green; 5 ft, $2.00 each.

JUDAS TREE, OR RED BUD.

A very ornamental small tree, native of the western states, which in the early spring, before the leaves appear, is covered with delicate pink flowers; 3 ft, 50 cts. each.

KENTUCKY COFFEE TREE.

A unique and beautiful tree, leaves in tufts, flowers white, borne in loose spikes in early summer, succeeded by brown pods, which contain six or seven large grey seeds; 2 ft, 75 cts. each.

LABURNUM.

English or Golden Chain—One of the most ornamental of small, with smooth shining foliage, and bright yellow pea-shaped blossoms, produced in beautiful hanging clusters; 5 to 6 ft, 75c each.

LINDEN.

American or Basswood—A fine native tree having large leaves, and fragrant, but inconspicuous flowers; 5 to 6 ft; 60c.

Golden Barked—A small sized tree, with golden yellow bark, beautiful in winter; each $2.00.

LOCUST HONEY.

A rapid growing tree, with delicate double pinnated leaves, which are very beautiful. It has curious spines, jutting out in clusters upon the large branches. Makes excellent hedges, 50c each.

MAPLE.

Ash Leaf; Box Elder—A handsome spreading tree with distinct pinnated foliage of a light green color; 5 to 6 ft, 60c.

Norway—This is one of the finest foreign species, having large broad leaves of dark green; shoots rugged and vigorous. Excellent for a street tree; 6 to 7 ft, $1.00.

Plane-Leaved, or Sycamore—A round-headed, vigorous and handsome tree; foliage dark and rich; fine for a street tree and for a large lawn, 7 ft, $1.00.

Scarlet—A beautiful tree for street planting. Its scarlet blossoms in the early spring have a rare beauty, and its gorgeous autumn colors are unsurpassed by any other variety; 5 to 6 ft, $1.00 each.

Weirs Cut-Leaf—A variety of the Silver Maple, with deeply cut leaves and graceful habit; 8 to 10 ft, $1.50 each.

MOUNTAIN ASH.

European—A very beautiful tree of medium size, with an erect stem, smooth bark and round head covered during the fall and winter with bright scarlet berries; universally admired. 75c each.

MULBERRY.

Weeping, a pendulus variety of Russian Mulberry; each $2.00.

OAK.

Red—One of our native species; a splendid tree in the Autumn; 4 to 5 ft, $1.00 each.

PLANE TREE.

A large growing tree with white bark; a rapid grower, $1.00 each.

SUMAC.

Cut Leaf—A variety of the common, with its leaves deeply cut, resembles a tree fern, one of the most picturesque and tropical looking of our low growing trees. $1.00 each.

SWEET GUM TREE.

We hardly know a more beautiful in every stage of its growth and during every season of the year, not unlike the maple in general appearance; 75c each; 4 to 5 ft.

THORN.

Hawthorn Double Pink Flowering—3 to 4 ft, 75c each.

TULIP TREE.

White Wood—A superb tree of lofty growth, with rich glossy foliage; leaves of peculiar form and large in size; flowers Tulip shaped, 4 to 6 ft, 75c.

WILLOW.

Kilmarnock Weeping—Makes a pretty small tree grafted; $1.00 each.

Wisconsin Weeping—The most vigorous, 50c each.

Yellow Wood—VIRGILIA, (*Cladrastis tinctoria*, formerly *Virgioia lutea.*) The most beautiful of all the leguminous or pea blossom trees; very desirable for a single lawn tree: produces panicles, fifteen inches or more in length, of delicate fragrant, creamy-white flowers; bark smooth and polished; leaves remarkable for their purity of color, which they retain until frost, when they turn to a warm yellow; $1.50 each.

PLANTING TREES.

In the city where we have men constantly at work we will furnish soil, dig holes and set trees carefully at $1 each. For hardy vines and shrubbery our price is 50c each, where the number to be planted at one time is from one to six roots. If a larger number we charge for time and material separately as the expense will be less in that way. We do not warrant trees to live.

Weeping Willow.

ORNAMENTAL SHRUBS.

The variety of Flowering Shrubs suitable for lawn-planting is such that by the proper selection of them, and judicious planting, grounds may be made to look bright and cheerful, from early Spring to late Autumn. Most of the kinds in the following list are hardy, even in the highest latitudes of this country. With few exceptions, they can be transplanted as safely in the Fall as in the Spring, and the same care that is proper in the removal of most kinds of trees, will ensure the successful transplanting of shrubs.

These shrubs are peculiarly adapted for planting in places of limited area and the finest effects may be produced quickly and at a comparatively small expense.

ALMOND.

(See Amygdalus.)

AMYGDALUS.

(Almond.)

Double White Flowering--Medium sized habit like a Peach. One of the most beautiful early flowering shrubs,50c

Double Red Flowering--A variety, with rose-colored flowers, 50c.

BERBERRY.

Vulgaris—Yellow flowers in May or June, followed in fall with orange scarlet fruit. A handsome shrub, 35c.

Purple Leaved—Violet-colored foliage and fruit. Rich looking and effective, 35c.

CALLICARPA.

Purpurea — Small, brilliant purple flowers in August and September, 25c.

Floridus (Sweet Scented Shrub)—Leaves soft, downy beneath, flowers fragrant, like strawberries, double, and of a chocolate color, 35c.

CARAGANA ALTAGANA.

(Siberian Pea Tree.)

Blooms in June, with abundant pendulous, yellow, pea-like blossoms; foliage, light green, very hardy, 50c.

CURRANT.

(See Ribs.)

CEPHALANTHUS OCCIDENTALIS.

(Button Bush.)

Large size, compact, globular form; flowers yellowish white, on a little gobular, button-like head, an inch in diameter, likes moist, shady places, a curious and interesting shrub, 50c.

CLEMATIS STANS.

(Japan Erect Clematis.)

Bears in late fall spikes of pinkish white flowers, 75c.

COLUTEA.

(Bladder Senna.)

Large shrubs of compact growth, small, light green, acacia-like foliage, yellow or yellowish red pea-blossom shaped flowers in June or July, followed by reddish pods or bladders; hardy and suited to any soil. Curious ornamental shrub, 50c.

CORNUS MASCULA.

(Cornelian Cherry.)

A small tree producing clusters of bright, yellow flowers in early spring, before the leaves, followed in fall with large oval, scarlet berries; very acid and good for cooking, 50c.

CYDONIA JAPONIA.

(Japan Quince.)

Aurantiaca—Flowers orange scarlet. Distinct, 35c.

CALYCANTHUS.

(Calycanthus Floridus.)

Sweet Scented Shrub, Allspice—There are several species and varieties of this shrub, quite similar to each other. The young wood has a strong aromatic odor; the foliage is luxuriant and the rare, chocolate-colored, small blossoms are delightfully fragrant with somewhat the odor of fruit. It blooms at intervals during the summer. A peculiar and very desirable shrub, and perfectly hardy. 50c.

DAPHEN JENKWA.

(Japan Daphne.)

A beautiful, slender, upright-growing shrub, with numerous long, downy twigs, which in early spring, before the leaves appear, bear violet-colored, fragrant tubular flowers about an inch long. One of the rarest and most interesting of flowering shrubs, $1.00.

DEUTZIA.

Double White Flower — Abundant racemes of flowers in June, luxuriant foliage and fine habit, 50c.

Double Deutzia.

Gracilis—Dwarf, compact, pure white flowers in June. Excellent for forced culture, as it flowers freely in a low temperature in winter. It is the first to flower among the Deutzias, and also the most beautiful. Valuable for a low, compact hedge, 25c.

ELEGANUS ARGENTEA.

(Silver Leaved Oleaster.)

A large growing, spreading shrub, with narrow, slender leaves and grayish berries; flowers small, yellow, in July and August. A hardy and effective ornamental shrub, 50c.

ELDER.

(See Sambucus.)

EUONYMUS AMERICANUS.

(Strawberry Bush.)

A somewhat slender-growing shrub, vigorous, shining green foliage, with medium-sized scarlet berries. Very ornamental in fall, 50c.

EXOCHORDA GRANDIFLORA.

Vigorous growing, finely-shaped shrub with light-colored foliage and wood, and a great profusion in May of the most lovely, pure-white flowers. A choice and always scarce plant, 75c.

FONTANESIA PHYLLYRÆOIDES.

A vigorous and graceful weeping shrub, with narrow leaves and yellowish flowers in small clusters in midsummer, 50c.

FORSYTHIA.

(Golden Bell.)

Fortunii—Japan. Growth upright and spreading, vigorous, bright green foliage, flowers bright yellow, and drooping before the leaves appear; one of the best early flowering shrubs, 50c.

Suspensa (Weeping)—More slender and delicate in growth than the other species, and particularly when in bloom, curves in the most graceful manner. Excellent for rock work, 50c.

FRINGE TREE.

(Rhus continus.)

Purple or Venetian Sumach, or Smoke Tree—A very elegant and ornamental large shrub, with curious, hair-like flowers, which being of a pinkish brown color, gives it the names "Purple Fringe" and Smoke Tree," the blossoms appear in July, sometimes literally cover the tree, and remain all Summer. 35c.

FRINGE.

(Chionanthus Virginica.)

White—An entirely different plant from the preceding; has handsome, large foliage, and racemes of delicate white flowers, that hang like finely cut shreds, or fringes of white paper. One of the most beautiful shrubs; 75 cents.

HYDRANGIA PANICULATA GRANDIFLORA.

Vigorous spreading form, immense pyramidal panicles of white flowers, more than a foot long, which change to pink and finally to purple. Blooms from early August to frost. One of the best ornamental shrubs; 50c each.

LILAC.

(See Syringa.)

LONICERA FRAGRANTISSIMA.

(Fragrant Upright Honeysuckle.)

A vigorous shrub of upright habit, suited to almost any soil and exposure; leaves good size and rich green; flowers pinkish early before the leaves and very fragrant. Valuable and little appreciated.

Tartarica (Tartarian H)—Pink flowers in May; 40c.

Alba (White T. H.) White flowers in May, 40c.

PHILADELPHUS CORONARIUS.

(Mock Orange or Syringio.)

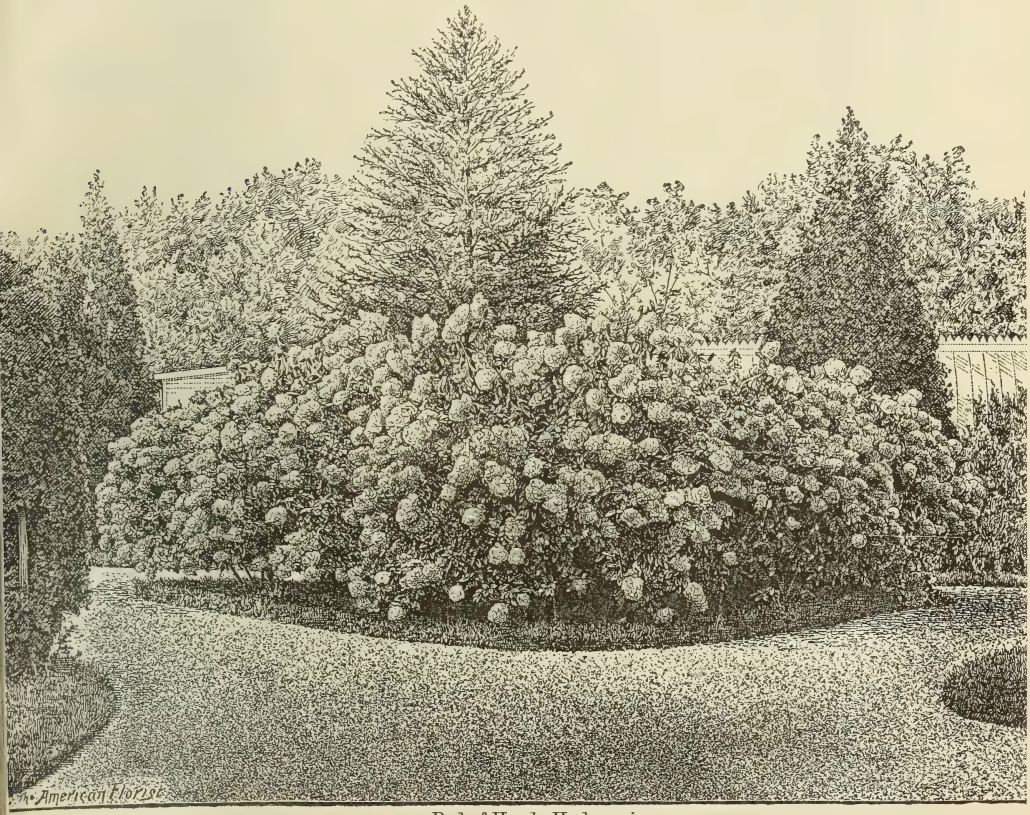
Strong growing, rounded habit, hardy foliage, fine, rich and green; pure white, very fragrant flowers in June, slightly resembling those of the apple tree. One of the best; 40c.

P. C. Nanus, Dwarf Mock Orange—Low and bushy; 40c.

RIBES AUREUM.

(Missouri Currant.)

Good size, regular growth, early yellow flowers and shining, globrous leaves; 40c.



Bed of Hardy Hydrangias.

SAMBUCUS NIGRA.

(European Elder.)

Large growing, spreading, irregular, picturesque and attractive; bears purplish black berries in September, 40c.

SYRINGO.

(See Philadelphus.)

Philadelphus (Syringo.)

SPIRÆA.

(Meadow Sweet.)

Adiantifolia (Fern Leaf Spirea)—Medium sized, graceful; leaves like those of Maiden-hair fern; flowers in June, 50c.

Ariaefolia—Medium sized, delicate, diminutive foliage, graceful, white, flowers in June. Does best in shaded places. One of the rarest and most beautiful of Spireas. 50c.

Van Houtte—It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing; clusters of twenty to thirty flat white florets make up the raceme, and those clusters are set close along the drooping stems. Perfectly hardy and an early bloomer, 50c.

SYRINGIA.

(Lilac)

Persica—(Persian L)—Medium size, small leaves, and small, elegant form purple flowers, 50c.

Spirea Van Houttei.

Persica Alba (White Persian L)—50c.

Vulgaris (Common L)—The commonest purple species and one of the best; a good grower, flowers and young leaves fragrant, 30c.

Alba—White flowering form of Vulgaris, 40c.

SNOW BALL.

(See Viburnum.)

Snow Ball.

VIBURNUM OPULUS STERILIS.

(Common Snow Ball.)

Good sized, spreading, irregular form, small, white flowers, borne in clusters or snow balls in June. A well known and valuable shrub, 40c.

Plicatum (Japan Snow Ball)—Moderate upright growth, picturesque, compact habit, brown shoots, solid, crinkled or plicated rich, green leaves, balls of white flowers, larger and more solid than those of the common snow ball and hanging long on the bush, 80c each.

A Bunch of Syringa Lilacs.

WEIGELA.

(Diervilla.)

The following varieties of this very popular shrub are very desirable:

Weigelia Roses.

Candida—A very handsome variety of good habit with pure white flowers produced in profusion in June and continuing in bloom during the Summer. The best of its color. 50c.

Hortensis Nivea—Dwarf habit and slow growth. Pure white flowers, beautiful, 75c.

Lavallei—A fine variety with very dark red flowers, very distinct, 50c.

Rosea—A very fine variety, bearing beautiful and showy rose colored flowers in May; hardy and easy of cultivation. Should be in every collection, 35c.

LAWN GRASS SEED.

Nothing adds more to the attractiveness of a home than a well-kept lawn. The first requisite is good seed. This we offer is the best quality of a mixture of fine varieties of natural grasses, hardy and best adapted to produce a permanent and fine turf; the quantity of seed required per acre about 50 pounds. The price of grass seed varies and we may be obliged to change ours before the season is over; at present it is 25c a pound.

PERFECT CANARY BIRD FOOD.

Invaluable also for all seed-eating birds.

This mixture of seeds, whole and crushed, presents to the bird its natural food in the most attractive form, and is infinitely superior to the ordinary mixture of seeds used for feeding purposes.

It is cheaper, cleaner, and more healthful; the birds eat it all, not scattering it over the floor as they do seed.

One pound contains more nutriment than one quart of seed.

It will fully preserve and develope to the highest degree, the health, beauty of plumage and powers of song of your caged pets.

Put up in one pound boxes, 20c.

PREPARED MOCKING-BIRD FOOD.

For Mocking-Birds, Thrushes, Blackbirds, Robins, Nightingales, Skylarks and all soft-billed birds.

The preparation is the purest, healthiest and cheapest bird food known; its ingredients approximating closely to the food of birds in their natural state, and its use in all cases causing a marked improvement in their song and appearance.

One pound bottle, 50c.

CANARY POWDER AND SONG RESTORER.

An invigorating tonic and restorative for Canary Birds, Goldfishes, Linnets, and all Seed Birds.

This preparation will in every case restore to their natural notes, birds who have lost their song from the effects of cold, or excessive moulting.

For breeding birds and their young, it is invaluable, strengthening their voice and improving their plumage. 25c per bottle.

CHOICE MIXED BIRD SEED.

This preparation is composed of thoroughly pure-recleaned Canary, best German Millett and Rape Seed, mixed in proportions recommended by the best German bird fanciers. 1 pound package 10c.

WASHED SILVER GRAVEL.

In one pint boxes, each, 5 cents.
In one quart boxes, each 10c.
Canary (Sicily)—For Canaries, qt, 20c.
Cuttle Fish Bone—oz, 10c, qt, 75c.
Rape—For Canaries, Linnets, etc., qt, 25c.

INSECT DESTROYERS.

Fir Tree Oil—Soluable insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per quart bottle, $1.50. Pint $1.00. One-half pint 60c. Small bottle, 25c.

Whale Oil Soap. One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. As a general rule, seven gallons of water to one pound of soap is used for applying to foliage. Per two pound box, 25c. Four pounds, 50c. Eight pounds, 80c.

Tobacco Soap—For washing and syringing plants, trees, etc., a valuable preparation. Per pound, 25c.

HAMMOND'S CELEBRATED SLUG SHOT.

Guaranteed to destroy Potato Bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Flea Beetles and Striped Bugs on Melons, Squash, Turnips, Beets, Onions, etc. Canker Worms and Caterpillars on Fruit and Ornamental Trees. A preventive of the Rose Bug and Cut Worm. Price, 5 and 10 pound packages,

6c per pound; 25 to 50 pounds, at 5c per pound. By barrel full in bulk, 225 pounds to 260 pounds weight, 4c per

pound on cars at Milwaukee. Lower rates for large lots. It gives satisfaction. Write for circulars and testimonials.

HAMMOND'S THRIP JUICE.

A liquid insecticide, for use on plants, trees, shrubs, etc. To be diluted in 100 times its bulk of water. For the destruction of the Thrip or Vine Hooper, kills the Aphis, the red Spider, Caterpillars, and insects of this class generally. By spraying with water, it is usable in the water used for ordinary drenching.

Thrip Juice can be safely applied upon trees of all sizes, and in cities where the worms infest the shade trees, one seasonable application will stop the difficulty. We strongly recommend to corporations and others desiring to preserve the beauty and life of these ornamental shade trees, to use Hammond's Thrip Juice, one gallon of which is to be diluted with 60 to 100 gallons of water, and then sprayed by syringe or pump over the foliage.

Put up in pint cans	$ 35
Put up in quart cans	60
Put up in gallon cans	1.50
10 gallon kegs, per gallon	1.25
10 gallon bbls, per gallon	1.00

GRAFTING WAX.

The real Connecticut Yankee article; put up for us in ¼, ½ and 1 pound packages by the manufacturer who has supplied this article for years. It can be relied on as the best in the market. Price, per ¼ pound, 10c; ½ pound, 20c; 1 pound, 35c; 5 pounds, $1.50; 10 pounds, $2.50; single pound, prepaid, 50c.

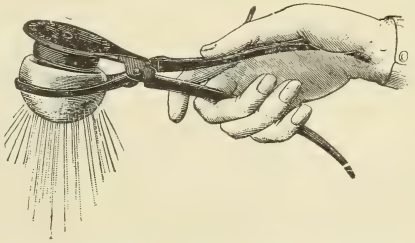
BOWKER'S AMMONIATED FOOD FOR FLOWERS.

A Fertilizer made especially for plants grown in the house, garden or conservatory; clean, free from offensive odor, largely soluble in water, and producing healthy plants, free from vermin, and early and abundant blossoms, to which it imparts a rich and brilliant color.

Whole size package, 25c; half size, 15c.

GOLDMAN'S ATOMIZER AND SPRINKLER.

For a Thousand and One Uses. For Flowers, Clothes, Carpets, Shower Baths, House Plants, Destroying Insects, and for various fine Sprays.



By dipping in water while closed fills instantly. Ball finely perforated. Will throw a spray ten feet if desired, spray much finer than the rubber sprinkler, appears like a fog and is controlled by pressure of hand. Size of Lemon Squeezer, 25c.

LAWN ROLLERS.

An almost indispensable article to a well kept lawn. Useful at many seasons of the year. Two sections; the weights keep the handle in proper position. About 150 lbs, $8.50 each; 300 lbs., $15.00; 400 lbs., $18.00.

Garden Roller.

WHITNALL'S DANDELION PULLER.

This tool, although very simple in appearance, is one of the most useful and convenient ever manufactured. If used

when the ground is moist, it will pull up the dandelions by the roots, making a clean job with ease and rapidity, 25c each.

TOOTHPICKS.

Double pointed, hardwood, 10c per box.

TINFOIL.

Per pound, 15c.

CANE STAKES.

These are the most durable of all, and light in both weight and appearance. They average 4 ft long, $1.00 per 100; 15c per doz.

STANDARD FLOWER POTS.

Sizes and shapes as adopted and recommended by the Society of American Florists, at their convention in New York City, August 23, 1888. These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring. Destroy all previous lists of Rim Pots, as the sizes and prices are changed.

SIZES.				PER DOZ.	SIZES.				PER DOZ.
1¾	inches	height	and width	inside, 10c.	6	inches	height and width	inside,	$ .60
2	"	"	"	12c.	7	"	"	"	1.00
2¼	"	"	"	15c.	8	"	"	"	1.30
2½	"	"	"	18c.	9	"	"	"	2.50
3	"	"	"	20c.	10	"	"	"	3.00
3½	"	"	"	25c.	11	"	"	"	4.00
4	"	"	"	30c.	12	"	"	"	5.00
5	"	"	"	40c.	14	"	"	"	7.00

Barrels for packing will be charged 20c.

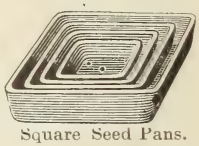
Standard.

ADVANTAGES OF "STANDARD" FLOWER POTS.

First—Uniform size throughout the country.

Second—Breakage is not one-half as great as in other pots, the deep rim protecting them from any ordinary hard usage.

Third—The foot keeps the pot up from bench, so that it is impossible for hole to become clogged. The concave bottom and large hole insures perfect drainage.



Square Seed Pans.

POT STANDS OR SAUCERS.

SIZES.		PER DOZ.	SIZES.		PER DOZ.
4	inches	25 cents.	9	inches	$ .90
5	"	30 "	10	"	1.10
6	"	40 "	11	"	1.40
7	"	55 "	12	"	1.65
8	"	65 "	14	"	1.90

PRICE LIST OF SQUARE SEED PANS.

SIZES.		PER DOZ.	SIZES.		PER DOZ.
6 x 6	inches	$2.50	10 x 10	inches	$3.50
8 x 8	"	3.00	12 x 12	"	4.50

PAINTED POT LABELS.

SIZES.	PER 100.	PER 1000.	SIZES.	PER 100.	PER 1000.
3½ inches	10 cts.	$ .90	6 inches	25 cts.	$1.50
4 "	12 "	1.00	8 "	35 "	3.00
4½ "	15 "	1.15	10 "	50 "	4.00
5 "	20 "	1.25	12 "	75 "	5.60

Sphagnum Moss, per bbl, 2.00; peck, 15c.
Potting Soil, per bush, 50c.
Loam For Flower Beds, per load, $2.50.
Loam For Flower Beds, very light, per load, $3.00.

We furnish gardeners to do garden work at all seasons, such as making beds, planting bulbs, trimming trees, cutting grass, etc.

BONE MEAL.

For fertilizing the lawn and flower beds, small lots, 5c a pound; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs. and over at 2c a pound.

MAGIC PLANT FOOD.

For House and Garden Plants, Cheap, Odorless, Clean to Handle, Always Ready for Use, will Keep any Length of Time.

The Magic Plant Food is simply a Chemical Fertilizer prepared expressly to supply the wants of House and Garden Plants. It gives the plants their proper nourishment, destroys vermin, and is free from all the obnoxious properties of stable manure and guano.

—DIRECTIONS.—

Use one-half teaspoonful for ordinary plants, and a teaspoonful on large or woody stem plants like Roses. Apply directly to the soil and stir into the dirt. Use none on the leaves or plant. Water in the usual way.

In repotting plants have the Magic Plant Food one inch below the surface. Do not use in large quantities nor oftener than directed.

Apply once every week for three or four weeks, or until the plants begin to start, which will be noticed in a fresher, greener growth. After that, once in two weeks for succulent plants like geraniums, and once in four weeks for plants with woody stems like roses.

The effects of the Magic Plant Food will be seen on common plants in a week or ten days, on woody stem plants not under two or three weeks. The first effects will be to produce a greener, healthier growth. After that more generous flowering.

Large size packages, each 30c. Small size packages, each 20c.

GARDENING

Edited by William Falconer, and published twice a month at $1.00 a year by the Gardening Co., Chicago. This paper is conducted in an absolutely untrammeled, straightforward, disinterested manner. We do not sell plants, flowers, seeds, fruits, vegetables, or any other horticultural commodity, and are not personally interested in the sale of any of them; therefore our teachings and opinions are reliable, perfectly independent and unbiased. The editor is a life-long, practical horticulturist, and he has secured the co-operation of a staff of specialists in the several branches of gardening.

It recognizes the multitude of people who have small gardens, or who wish to have them, who love beautiful flowers, or trees, or shrubs, or other plants, or good fruits and vegetables.

Mr. Dana's great Dosoris Gardens on Long Island, of which the editor is superintendent, are a prominent factor in the teachings of the paper. They comprise some fifty acres solely devoted to ornamental and useful gardening, and include an inimitable collection of hardy trees, shrubs, vines and other fruits, and the most extensive vegetable garden, so far as variety is concerned, in the country. And novelties as soon as they are disseminated are obtained and tested.

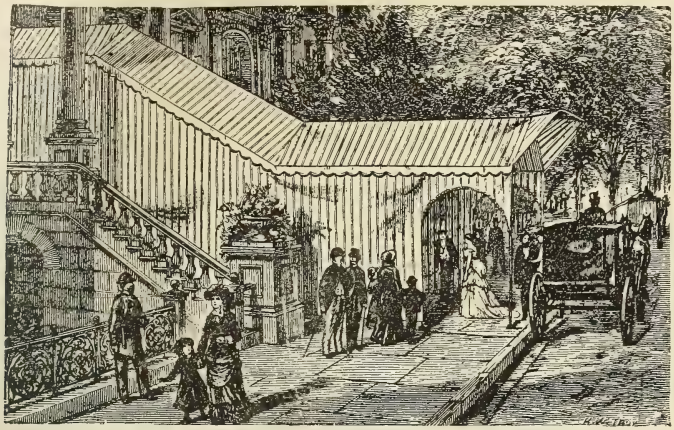
There is no experimental garden in the world connected with a paper of this class to compare with the Dosoris Gardens, and our readers have the full and unrestricted benefit of the information suggested or confirmed by the practice, tests and experiments as conducted in these gardens.

We consider the above mentioned periodical the most valuable gardening journal issued, and are glad to assist in the dissemination of such reliable and useful gardening literature. Subscriptions should be sent direct to us. Price $1.00 a year, 24 numbers.

We also offer a year's subscription as a premium on all orders amounting to $8.00 and upwards.

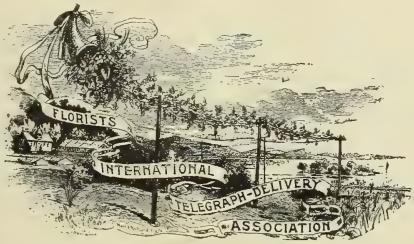
THE MILWAUKEE ROOT PULLER.

A practical implement for eradicating Thistles, Dandelions and other obnoxious weeds. It takes the root out. The person using it need not get down on the grass, but standing upright has only to press his foot on the step and force the jaws into the ground until the step rests upon the surface, and then force the handle over to an angle of 45 degrees and pull the jaws out with the root clamped between them; $1.00 each.



CANOPY.

For the accommodation of our custom, we will take orders for erecting Canopies for receptions. Charges will be moderate and services the best. We can also loan out one or more large tents for Lawn Parties.



CHOICE CUT FLOWERS FOR GIFTS AND OTHER USES.

As you may be in want of flowers for the home, for gifts, for weddings, receptions or funeral purposes, during the coming season, it is worth remembering that florists fully equipped for and doing a heavy trade are in every way much better prepared to meet all your wants than those who do a small business.

Our flower store is without exception the handsomest and most complete in the state. Provided as we are with special equipments of every description that experience could suggest for the proper handling and selling of flowers, it is not surprising that we can produce work of great excellence with unusual promptness and certainty, or that it meets the approval of our customers.

THE PACKING AND SHIPPING OF CUT FLOWERS.

Our long and extensive experience in the shipping of Cut Flowers and Floral Work by express enables us to pack these delicate and fragile articles so as to insure

their safe arrival at distant points at all seasons of the year. We offer great advantages to residents of the smaller towns and cities where fine flowers cannot be obtained, as we fill all out of town orders direct from our greenhouse, so that the flowers are received as fresh as it is possible to get them.

THE FLORISTS' INTERNATIONAL TELEGRAPH-DELIVERY ASSOCIATION.

This we believe to be one of the most useful and greatest enterprises ever undertaken by florists for the accommodation of the public, It was started by us in a small way eighteen months ago. In this short time it has proven to be so useful that it has grown to be a very important branch of our business. This Association now extends over Europe and America; it is represented in each of the principal cities by a resident florist. The selection of our representatives has been carefully made, so that we can assure our customers that orders entrusted to us will be executed in the best manner the country or city affords in which delivery is made.

The above trade mark is used only by the members of our association; no others will be permitted to use it. It is the ambition of this Association to gain the reputation of handling the very best flowers and rendering the best service throughout the world. Such care is taken in the selection of our representatives that wherever you see this trade-mark displayed you may be assured that you will be properly and fairly dealt with. At the present writing there are a number of European centers not yet associated with us; it will however be but a short time before we can serve you promptly and satisfactorily in all well travelled countries.

Popular Bouquet.

Advantages of Telegraph Delivery.

When you send a package of flowers by express, you are obliged to consult the railway time table, go to extra trouble in packing, put it in care of express agents, who frequently transfer it to other companies, and it is finally put on a wagon with all sorts of other freight, to be delivered as most convenient to the driver; if it be lost, broken, or frozen, it takes three or four weeks to find out who was at fault. One blames the other, and there is but little satisfaction to be derived after your efforts and expense have been wasted. With this system we can deliver an order from Milwaukee to New York or San Francisco the same day; the business is done at both ends by the florist interested. A florist takes the order; a florist fills the order and sees that it is also properly delivered. A receipt is taken, which is forwarded to the sender, much the same as a registered letter; you then know that the flowers you ordered have been delivered by a florist who has his reputation at stake in the locality where delivery is made. You can present flowers to friends residing in any other city at any time; you can present flowers to friends who are traveling by knowing the dates of their arrival at different points. We

deliver to all steamers, hotels or private residences; or, should you be traveling, we furnish you with letters of credit, which enable you to procure flowers as readily as if you were a resident customer of the florist supplying them. In fact, we are really linked together as one immense concern, for the purpose of accommodating the public in as efficient manner as is possible in all places at all times.

THE QUALITY OF OUR FLOWERS.

We are sure you can appreciate the fact it is to our interest, as well as yours, to send out only the best quality of flowers. We generally succeed in doing this, but in case an order is not entirely satisfactory, try and consider that flowers do not always grow perfect, and that we have sent the best that could be procured at the time, and if reminded of it in some future order, we shall be glad to make up any deficiency. To this rule is owing no doubt, the high reputation we enjoy for ability and promptness in turning out the most artistic floral work of every description.

A BOX OF LOOSE CUT FLOWERS.

With their long stems and fine foliage, arranged with care, cause pleasant smiles of welcome when opened. A few flowers sent in this way make a pretty informal present to a friend or acquaintance. For birthdays, a loose bunch of roses or other choice flowers—one for each year—are always acceptable. An idea may be given of the use to which the flowers are to be put, and their cost, and by leaving selection to us we are almost sure to give satisfactory results. Many of our best customers leave all details in our hands, preferring to trust to our judgment. A fair sized box varies from $2.50 to $5.00 in cost, while we go as low as $1.00 and $1.50 for small, and as high as you wish for very large.

FLOWERS IN BASKETS.

Put up in endless styles, at prices from $1.50 upwards. Handle baskets are very satisfactory, as they at once present the idea of a basket full of flowers. A fair sized basket of any style varies from $2.00 to $5.00 in cost, while we go as high as $15.00 to $25.00 for large.

BOUQUETS.

The size and price of bouquets can be estimated somewhat by the prevailing price of roses at the time. Two to four dozen roses are usually required for a fair sized bride's bouquet.

Ladies' Hand Bouquets—For balls, receptions, etc., made in a considerable range of sizes, $1.50 to $5.00 each.

Ladies' Corsage Bouquets—50c to $3.00 each.

Button Hole Bouquets—Of carnations, rosebuds and fine flowers, 10 to 25c each.

Ladies' Dress Button Hole Bouquets—Made larger than above, 25 to 50c each.

Lunch Favors—For each plate or person, 25c to $1.00 each.

Bride's Bouquet—Composed of white roses, Lily of Valley, orchids or other delicate flowers, with or without ferns or ribbon, $5.00 to $10.00 each; the same, smaller, $3.00 to $5.00 each.

Bridesmaid's Bouquets or Baskets—Choicest quality, $4.00 to $8.00; choice, but slightly cheaper, $2.00 to $5.00.

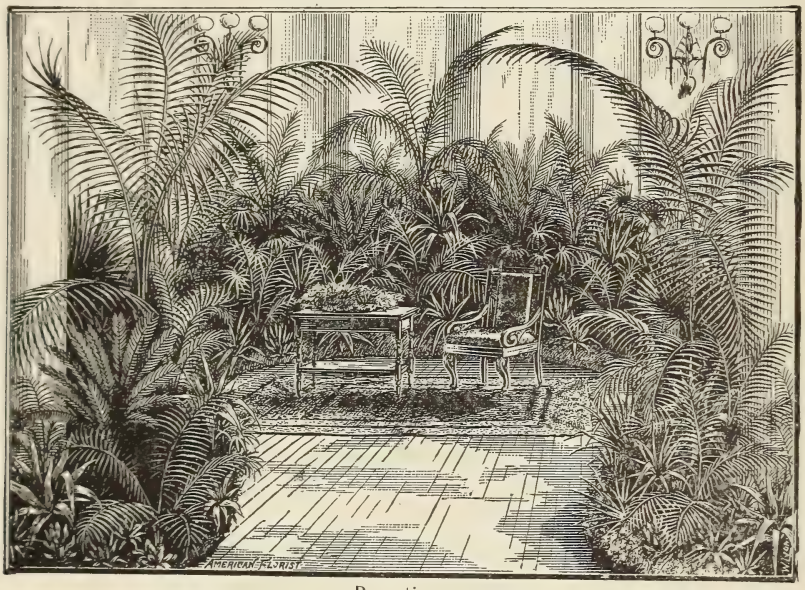
THE PRICES OF CUT FLOWERS.

To those unacquainted with the difficulties and risks of growing choice flowers in the winter season, the prices may seem high, but we find by years of experience, that even at these prices the demand at the Holidays and Easter is so great, and the supply limited to such an extent, that we are often unable to fill all orders. In bright sunny weather flowers are most abundant and of best quality, and we deal them out in liberal quantities. In cloudy, dark weather it is just the reverse,

and the superior quality is often lacking for a time, but we always endeavor to send out only the best of everything and these at a strictly reasonable price, reasonable because to make them less would take away our living profit. In case we should be out of special kinds of colors, it would be to your advantage to make a second choice, leaving the selection as much as possible to us, but giving us an idea of what you want them for and the price you wish to pay. This will insure you the best of flowers for the purpose, and often secures choice flowers, which we may have in abundance at less cost.

WEDDING FLOWERS AND DECORATIONS.

Our arrangements of flowers for weddings, etc., have obtained a most favorable and wide reputation. Our Palm houses contain a very extensive collection, capable of the most artistic decorative effects in tropical foliage. They can be sent by



Reception.

freight or express: for special occasions out of town, we will undertake decorations more or less elaborate, as desired at any season.

We are having daily the choicest Roses obtainable.

Our American Beauties are the finest flowers on stems 18 to 24 inches long with beautiful foliage. Beautiful Lily Valley from September 1st to June 1st. Orchids in variety constantly on hand. Asparagus Vine and Maiden Hair Ferns are a specialty, besides, all the standard varieties and seasonable flowers.

FLOWERS FOR FUNERALS.

In ordering Funeral Flowers on short notice, please bear in mind that it will be to your advantage to give us as much time as possible; the more time we have the more care we can bestow on the work. If we know the time of funeral, it is often a great help to us, in selecting the most suitable flowers as to durability, etc.

We give the two extremes in prices, both the highest and the lowest, as they

vary according to the size, quality and scarcity of flowers, time and labor required to arrange the work, etc.

Loose Cut Flowers and Smilax are often used to good effect about the casket.

Plateaus are oval, flat baskets, especially adapted for use around the casket; flowers arranged naturally and show to advantage, $2.50, $3.50 and $5; larger sizes, $8, $10 and $15.

Roses arranged loosely in bunches, with beautiful Ferns or Palms, tied with finest satin ribbon, $2.50, $3.50 and $5; with Cycas Palm leaves, $8 to $10.

Wreath of English Ivy, tied with ribbon; $2.50, $3.50 and $5.

Callas (Lily of Purity) and **The Bermuda Easter Lilies**, with their natural leaves, tied with ribbon, $2 and $3.

Coronet and Cross—Standing on large base, about 2½ feet high. A most beautiful and artistic piece of work, $15 to $20.

Broken Crescent Wreath—Standing on large base, about 2 feet high; rich and effective; $10, $12 and $15.

Broken Wheel—$10 to $20.

Scroll of Honor—A very beautiful and elaborate work, $15, $20 and $25.

Anchors, Flats—Should be of fair size for effectiveness; medium, $3.50 to $5; larger, $8 and $10.

Anchors, Standing on Base—$4 to $15 for large sizes.

Banners or Panels, Standing—Specially useful where prominent letters or words are desired, $8, $10, $12 and $15.

Broken Columns—Magnificent designs, complete in all details of artistic work, 15 to 30 inches high, medium, $8, $10 and $12; larger, $15 to $25.

Cross, Flat, Roman—10 to 24 inches, medium, $2, $3, $4, and $5; larger, $6, $8 and $10.

Maltese Cross—$2.50, $3.50, $5 and $8.

Cross Standing on Base—Very effective, 18 to 30 inches high, $10 to $15.

Cross and Crown on Base—Very fine, large sizes, $15 to $20.

Cross of English Ivy—$2.50, $3.50 and $5.

Crowns—11 to 20 inches; $5 to $15.

Crescents—10 to 18 inches, medium, $2, $3 and $4; large, $5, $6 and $8.

Harps and Lyres—On base, 18 to 20 inches high, $5, $8, $10 and $12.

Hearts and Stars—Either flat or in base, $1.50 to $6.

Pillows—$6, $8, $10 and $12; larger sizes, $15, $20 and $25. Our pillows show the flowers to good advantage and are perfectly adapted for inscriptions on face. Words like "Rest," "Mother," initials of persons, etc., can be used to advantage.

"Rest," and "Asleep," in a frame are very appropriate; $4.50 to $12.

"Rock of Ages"—A very beautiful and elaborate work; $25 to $35.

The "Gates Ajar"—This beautiful piece is an exceedingly elaborate design, and when well made nothing finer can be conceived. Size of base about 2x3½ feet, 3 to 4 feet high: $15, $20, $25 and $30.

Wreaths, Flat—Medium, $2, $3, $4 and $5; larger, $6, $8 and $10.

Loosely Arranged Flat Wreaths—Made of long-stemmed flowers, with or without ribbon, very artistic: largest sizes, $10, and $15 to $30.

Broken Wreath—Made with a segment cut from it: $5 to $10.

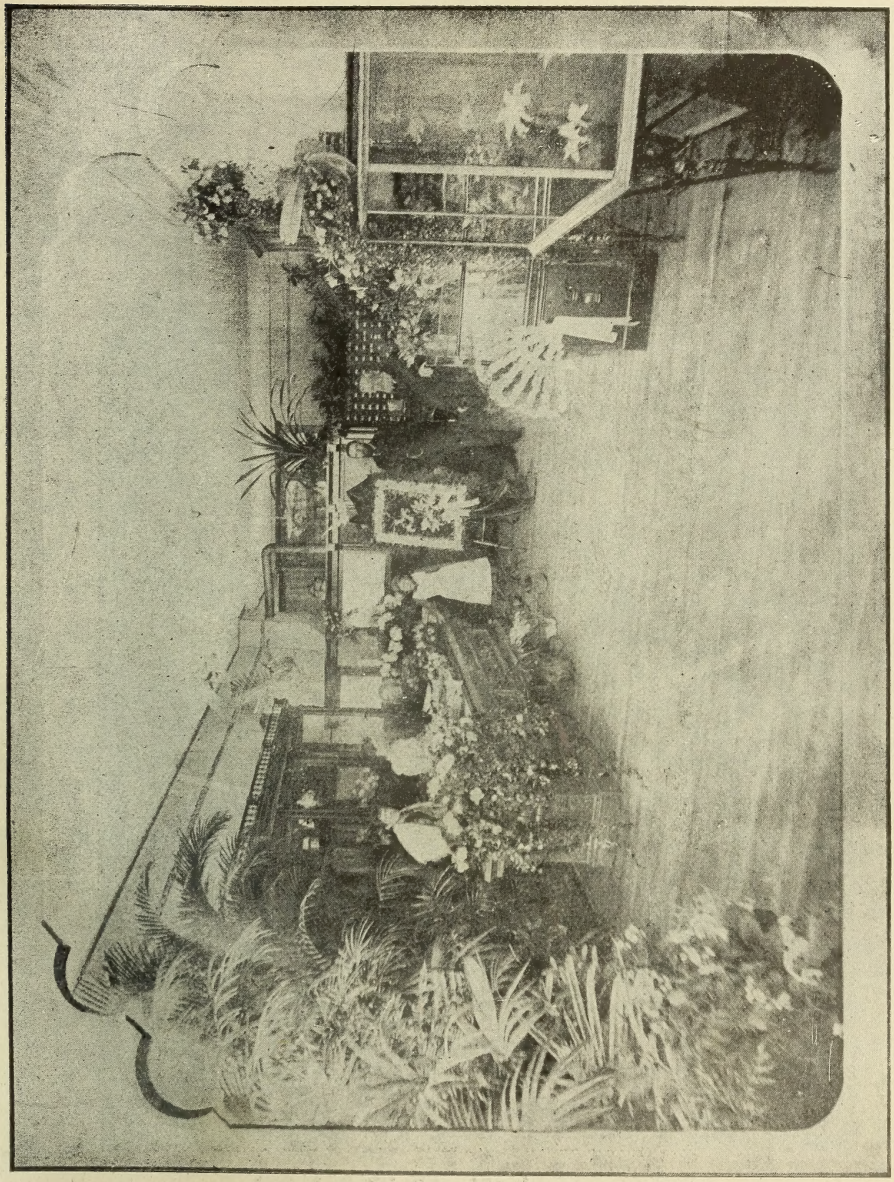
Palm Leaf Wreath.

Sheaf of Wheat, Standing or Flat—An emblem of ripened old age: $1, $1.50 and $2; larger sizes, $2.50 and $3.50 to $5.

White Doves—Fine white birds in various positions, $2.50 each.

Palm Leaves—$2.00 each.

In ordering, it must be remembered that at Easter and during the mid-winter holiday season (December 15 to January 15) the great demand for flowers makes them very scarce and expensive. In summer flowers do not average as choice and durable as in winter and are more abundant; hence we deal them out in liberal quantity at the very lowest prices. Orders for less than $1.00 not solicited, as the expense of packing to go by express is too great compared with the size of the order. No flowers sent by mail unless 25 cents is added for postage and extra packing.



INTERIOR OF OUR NEW STORE, 438 MILWAUKEE STREET, CORNER OF MASON.

CLEMATIS PANICULATA.

A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions, and indispensable to every private place. Our illustration will serve to better understand the plant. A large stock of choice plants, $1.00 each.

Clematis Paniculata on a Trellis against a house.

ADDRESS ORDERS TO C. B. WHITNALL & CO.,
438 Milwaukee Street, Milwaukee, Wis.

VASE OF LILIES.

ANTHEMIS TINCTORIA, or HARDY GOLDEN MARGUERITE.

A Yellow-Flowered Hardy Perennial that blooms freely the entire Summer. Offered by C. B. Whitnall & Co.